2007–08 *Undergraduate* BULLETIN

THE UNIVERSITY *of* NORTH CAROLINA
GREENSBORO

Please note that this bulletin is intended for informational purposes only. Although the publisher has made every reasonable effort to attain factual accuracy herein, no responsibility is assumed for editorial, clerical, or printing errors, or error occasioned by mistake. The publisher has attempted to present information which, at the time for printing, most accurately describes the course offerings, faculty listings, policies, procedures, regulations, and requirements of the University. However, it does not establish contractual relationships. Requirements, rules, procedures, courses, and informational statements are subject to change. The University reserves the right to revise any part without notice or obligation.

Equality of Educational Opportunity

The University of North Carolina at Greensboro is committed to equality of educational opportunity and does not discriminate against applicants, students, or employees based on race, color, creed, gender, national origin, political affiliation, religion, sexual orientation, age, or disability. Moreover, The University of North Carolina at Greensboro is open to people of all races and actively seeks to promote diversity.

This commitment is in keeping with Title IX of the Educational Amendments of 1972 and Section 504, Rehabilitation Act of 1973. The Affirmative Action Officer, PO Box 26170, UNCG, Greensboro, NC 27402-6170, (336/334-5009), is responsible for coordinating compliance and investigating complaints.

Policy on Discriminatory Conduct

(Approved by the Chancellor, April 27, 1990; Amended September 10, 2001)

The University of North Carolina at Greensboro is committed to the principle that educational and employment decisions should be based on an individual's abilities and qualifications and should not be based on personal characteristics or beliefs that have no relevance to academic ability or to job performance. Accordingly, UNCG supports policies, curricula and co-curricular activities that encourage understanding of and appreciation for all members of its community. UNCG will not tolerate any harassment of, discrimination against, or disrespect for persons. UNCG is committed to equal opportunity in education and employment for all persons regardless of race, color, creed, religion, gender, age, national origin, disability, military veteran status, political affiliation or sexual orientation.

This policy applies internally as well as to the University's relationships with outside organizations, except to the extent that those organizations, including the federal and State government, the military, ROTC, or private employers do not yet recognize sexual orientation as protected.

The University's educational and employment practices are consistent with Section 103 of The Code of The University of North Carolina. In addition, the University complies with North Carolina General Statutes 126-16 and 126-17, Title VII of the Civil Rights Act of 1964, as amended, the Civil Rights Restoration Act of 1988, Title IX of the Education Amendments of 1972, the Rehabilitation Act of 1973, the Americans with Disabilities Act of 1990, the Vietnam Era Veteran's Readjustment Assistance Act of 1974, and other federal and state laws relating to discrimination in educational programs and employment. In accord with Executive Order 11246, the University has in place an Affirmative Action Plan which states the University's commitment to the concept and practice of equal employment opportunity for all persons regardless of race, color, creed, religion, gender, age, national origin, disability, military veteran status, political affiliation or sexual orientation.

Any employee who believes he or she has been treated unfairly based on any of the above characteristics should contact his or her immediate supervisor, or the next level supervisor if the immediate supervisor is the subject of the allegation. Students should contact the Office of Student Affairs.

Retaliatory action of any kind will not be tolerated against any person for making a good faith report of discrimination or on the basis of that person's participation in any allegation, investigation or proceeding related to the report of discriminatory conduct. Every UNCG employee and student is charged with the responsibility to be aware of and abide by this policy. Failure to abide by this policy may subject the violator to disciplinary action up to and including dismissal.

This policy may also be found at www.uncg.edu/apl/POLICIES/ivb005.html.

Equity in Athletics Statement

Pursuant to the federal Equity in Athletics Disclosure Act, information about equity in UNCG's intercollegiate athletics programs may be obtained from the UNCG Athletic Department, 337 HHP Building, UNCG, Greensboro, NC 27402.

Right-To-Know Statement

Pursuant to the federal Student Right-to-Know Act, UNCG graduation rates may be obtained from the Office of Student Academic Services, 159 Mossman Building, UNCG, PO Box 26170, Greensboro, NC 27402-6170.

Catalog Issue for the Year 2006–07
Announcements for 2007–08
Vol. 95, No. 2, 2007–08

www.uncg.edu/reg/Catalog/index.html

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Karen D. Haywood, Editor

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THE UNIVERSITY *of* NORTH CAROLINA

GREENSBORO

One-Hundred-and-Sixteenth Annual Undergraduate Bulletin

2007–08

The Undergraduate Bulletin is also available on the Web at
www.uncg.edu/reg

ACADEMIC CALENDARS

Fall Semester 2007

August 14, Tuesday	Fall semester opens
August 14, Tuesday	Orientation for new graduate students, 6:00 P.M.
August 14–18, Tues.–Sat.	Orientation, Advising, Registration for all students based on student population and classification
August 15, Wednesday	State of the Campus Address and Faculty Convocation
August 16, Thursday	Undergraduate academic suspension appeals deadline, 5:00 P.M.
August 16, Thursday	Orientation for new graduate students, 9:00 A.M.
August 20, Monday	Classes begin, 8:00 A.M.
August 20–24, Mon.–Fri.	Late registration and schedule adjustment
August 24, Friday	Last day to change course or course section without special permission
August 24, Friday	Financial Aid satisfactory academic progress appeals deadline
August 24, Friday	Last day to drop course for tuition and fees refund
August 27, Monday	Deadline for graduate students to apply to graduate in December 2007
September 1–30	Undergraduate students declare or change major in September.
September 3, Monday	Labor Day holiday. Classes dismissed; offices closed.
September 17, Monday	Final deadline for undergraduates to apply to graduate in December 2007
September 28, Friday	Six weeks progress reports due in University Registrar's Office
October 1, Monday	Founders Day
October 12, Friday	Instruction ends for Fall Break, 6:00 P.M.
October 12, Friday	Last day to drop course without academic penalty
October 17, Wednesday	Classes resume after Fall Break, 8:00 A.M.
Oct. 17–Nov. 16, Wed.–Fri.	Spring semester advising for continuing students, by appointment
Oct. 31–Nov. 16, Wed.–Fri.	Spring 2008 registration for continuing students
November 2, Friday	Final date for December doctoral candidates oral examinations
November 16, Friday	Filing deadline for one signed copy of dissertation, The Graduate School
November 20, Tuesday	Instruction ends for Thanksgiving holiday, 10:00 P.M.
November 26, Monday	Classes resume, 8:00 A.M.
November 26, Monday	Filing deadline for one copy of thesis, The Graduate School
December 10, Monday	Last day of classes
December 11, Tuesday	Final date for complete clearance of December graduate degree candidates Deadline for final submission of thesis or dissertation to The Graduate School
December 11, Tuesday	Reading Day
December 12–14, 17–19, Wed.–Fri., Mon.–Wed.	Final examinations
December 15, Saturday	Tentative official final exam makeup day
December 20, Thursday	December Commencement, Greensboro Coliseum
December 21, Friday	Tentative official final exam makeup day

Contact the UNCG Counseling and Testing Center for exact dates of qualifying examinations.

Academic Calendars

Spring Semester 2008

January 8–12, Tues.–Sat.	Orientation, Advising, Registration for all students based on student population and classification
January 10, Thursday	Undergraduate academic appeals deadline, 5:00 P.M.
January 14, Monday	Classes begin, 8:00 A.M.
January 14–18, Mon.–Fri.	Late registration and schedule adjustment
January 18, Friday	Financial Aid satisfactory academic progress appeals deadline
January 18, Friday	Final deadline for undergraduates to apply to graduate in May 2008
January 18, Friday	Last day to change course or course section without special permission
January 18, Friday	Last day to drop a course for tuition and fees refund
January 21, Monday	Dr. Martin Luther King Jr. holiday. Classes dismissed; offices closed.
January 22, Tuesday	Deadline for graduate students to apply to graduate in May 2008
February 1–28	Undergraduate students declare or change major in February.
February 18, Monday	Deadline for undergraduates to apply to student teach during spring 2009
February 22, Friday	Six weeks progress reports due in University Registrar's Office
March 3, Monday	Financial Aid priority filing date for 2008–09 academic year
March 8, Saturday	Instruction ends for Spring Break, 1:00 P.M.
March 17, Monday	Classes resume after Spring Break, 8:00 A.M.
March 19, Wednesday	Last day to drop course without academic penalty
Mar. 19–Apr. 18, Wed.–Fri.	Summer and/or fall advising for continuing students, by appointment
March 21, Friday	Spring Holiday. Classes dismissed; offices closed.
March 26, Wednesday	Final date for May doctoral candidates oral examinations
April 2–18, Wed.–Fri.	Summer and/or fall 2008 registration for continuing students
April 23, Wednesday	Deadline for filing one signed copy of dissertation, The Graduate School
April 29, Tuesday	Deadline for filing one copy of thesis, The Graduate School
May 6, Tuesday	University follows Friday schedule; last day of classes.
May 7, Wednesday	Final date for complete clearance of May candidates for graduate degrees Deadline for final submission of thesis or dissertation to The Graduate School
May 7, Wednesday	Reading Day
May 7, Wednesday	Excellence Day
May 8–10, 12–14, Thur.–Sat., Mon.–Wed.	Final Examinations
May 16, Friday	May Commencement, Greensboro Coliseum

Summer Session 2008

May 19, Monday	MBA classes begin
May 21, Wednesday	First summer session classes begin
May 28, Wednesday	Deadline for graduate students to apply to graduate in summer 2008
May 30, Friday	Final deadline for undergraduates to apply to graduate in summer 2008
June 24, Tuesday	First summer session final examinations
June 26, Thursday	Second summer session classes begin
July 4, Friday	Independence Day holiday. Classes dismissed; offices closed.
July 31, Thursday	Second summer session final examinations
August 11, Monday	Summer graduation date

Contact the UNCG Counseling and Testing Center for exact dates of qualifying examinations.

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Chancellor's Welcome

Patricia A. Sullivan
Chancellor

We are delighted that you have joined this special community of scholars. We take great pride in being a diverse student-centered research university, linking the Piedmont Triad to the world through learning, discovery, and service.

For more than a century, The University of North Carolina at Greensboro has been educating students from North Carolina, the nation, and the world. Our nationally recognized programs and faculty, combined with a diverse range of opportunities for the development of a student's interests and leadership skills, make the UNCG experience a uniquely enriching and challenging one. The success of our graduates serves as testimony to the effectiveness of a UNCG education. They are widely respected by potential employers as well as graduate and professional schools. UNCG alumni are noted for their life-long contributions to their professions and service to their communities. Daily they act to fulfill UNCG's motto of "service."

The *Undergraduate Bulletin* is one of your most valuable resources as you undertake your academic career. It describes the nature of our academic programs and student support services as well as the policies which govern them. Please take the time to become familiar with this important text.

Welcome to UNCG! I know that you will find faculty and staff who are committed to providing a challenging yet supportive environment in which you will be encouraged to realize your full potential and achieve your educational goals.

1. INTRODUCTION

UNCG Profile

The institution that is now The University of North Carolina at Greensboro was chartered in 1891 to provide higher education for women. Formerly The Woman's College, and one of the three original institutions of The Consolidated University of North Carolina, UNCG has been highly regarded now for over one hundred years for both its strong liberal arts tradition and its excellent professional preparation for selected careers. In 1963, it became a doctoral-granting, coeducational university, and is now classified as a research university (high research activity) by the Carnegie Foundation. See chapter 9, **History of UNCG,** for complete details.

In fall 2006, the student body of UNCG—68% female and 32% male—was comprised of approximately 16,728 men and women, about 78% of whom were undergraduate and 22% graduate students. The Division of Continual Learning has grown to a total enrollment in academic credit courses of 808. Students from all 50 states and 90 foreign countries were represented in the student body. Undergraduate minority enrollment was 30.4%, including 19% African American students. Approximately 62% of UNCG students received some type of financial aid.

Among the 911 faculty members are nationally known scholars whose research and creative work regularly contribute new knowledge to their fields; 82% of full-time faculty hold terminal degrees in their disciplines. The estimated ratio of students to faculty was 17 to 1 in fall 2006. See chapter 9 for a listing of **Teaching Faculty**.

UNCG faculty members remain committed to excellence in teaching, research, and public service, and are easily accessible to students through an advisory system and on an informal basis.

Academic Programs

The University is organized into a College of Arts and Sciences and six professional schools—the Joseph M. Bryan School of Business and Economics; School of Education; School of Health and Human Performance; School of Human Environmental Sciences; School of Music; and School of Nursing. Undergraduates have a choice of over 100 areas of study from which to select a major or concentration within a major leading to one of seven undergraduate degrees: Bachelor of Arts (B.A.), Bachelor of Fine Arts (B.F.A.), Bachelor of Music (B.M.), Bachelor of Science (B.S.), Bachelor of Science in Medical Technology (B.S.M.T.), Bachelor of Science in Nursing (B.S.N.), and Bachelor of Social Work (B.S.W.).

The UNCG Board of Trustees, acting within the framework outlined for UNCG by The University of North Carolina Board of Governors, determines general directions for UNCG's academic programs. Direct responsibility for administering academic programs rests within the various academic units.

The Chancellor has the responsibility for the administration of all campus programs, academic and non-academic. The Provost coordinates and oversees the graduate and undergraduate academic programs on the UNCG campus.

The University faculty through the Faculty Senate and the Undergraduate Curriculum Committee determines the general framework for UNCG undergraduate degree requirements and approves the programs proposed by academic units.

Approximately 2,000 courses offered in more than 4,400 sections are available each semester. In addition, since UNCG is a member of the Greater Greensboro Consortium, students may cross-register without additional tuition at Bennett College, Elon University, Greensboro College, Guilford College, Guilford Technical Community College, High Point University, and North Carolina Agricultural and Technical State University.

The University also offers four doctoral degrees in 23 areas of study, master's degrees in a wide variety of concentrations, and several post-baccalaureate and post-master's certificates. *The Graduate School Bulletin* describes these programs in complete detail.

Most undergraduate degree programs require 122 semester hours with a minimum of 27 hours of work in the major. See **University Requirements** and **Academic Units** for complete descriptions of academic programs and University degree requirements.

Many special academic programs are also available for undergraduates. Among these, Teacher Education has a long tradition. Four UNCG schools and several departments within the College of Arts and Sciences offer programs leading to teacher licensure in North Carolina and qualification for licensure in most other states. Students may select licensure programs in 19 subject areas. See **Teacher Education Programs** for complete details.

The Honors Programs, administered by the Lloyd International Honors College, provide opportunities for broad interdisciplinary study, for advanced work in the major, and independent projects leading to special recognition at graduation.

Special interdepartmental academic programs offer majors and minors in African American Studies, Archaeology, Environmental Studies, International Business Studies, International and Global Studies, Humanities, Linguistics, Medical Technology, and Women's and Gender Studies.

UNCG's preprofessional programs offer all courses required for admission to medical or dental schools, to pharmacy, veterinary, or physical and occupational therapy schools, or as needed for entrance into law school. A two-year pre-engineering curriculum prepares students to transfer to schools with engineering programs.

Independent study, tutorials, and internships are available in most schools and departments.

Residential College, Cornelia Strong College, and Ione Grogan College each provide unique settings for innovative study and unity of academic and social experiences for students.

Students interested in study abroad for academic credit may select from several opportunities available through summer study, semester abroad, or the junior year abroad program. See **Study Abroad** for complete descriptions.

The University Community

The 96 buildings on the attractively landscaped campus on Spring Garden Street reflect the 115-year history of the University from the oldest, Foust (1892), to those currently under construction and renovation.

The new Gatewood Studio Arts Building and the Moore Humanities & Research Administration Building opened in fall 2006. The new science building opened in time for the fall 2003 semester and the newly renovated Elliott University Center reopened in January 2003. Plans are under development for a number of additional renovation and construction projects to be funded by the bond issue passed by North Carolina voters in November 2000.

UNCG is especially rich in the diversity of its arts programs. Weatherspoon Art Museum, located in the Anne and Benjamin Cone Art Building, houses what is considered to be the most outstanding permanent collection of contemporary art in the Southeast and offers a showcase for student and faculty work.

University Dance programs provide performance and choreographic opportunities for qualified graduate and undergraduate students in dance. In music, student performing organizations are open to all students by audition.

A wide-ranging program in theatre has five production programs including the Workshop Theatre, Studio Theatre, UNCG Theatre, the North Carolina Theatre for Young People, and the Summer Repertory Theatre. A student-managed campus radio station, WUAG, is housed in Taylor Building. The University Concert/Lecture Series brings exciting and innovative programs in the performing arts to the campus.

The many opportunities and services for students, including Residence Life, are described in **The University Community**.

Student Health Services provides full-time medical services, while the Counseling and Testing Center offers personal counseling, psychotherapy, and outreach programs to assist students with their adjustment to college.

The Career Services Center assists students in planning their careers and securing full-time employment after graduation.

The Elliott University Center (EUC) provides space for student government, student publications, and many student organizations, as well as offering a food court, study rooms, meditation space, game room, movies, concerts, lectures, dances, and parties. The offices of Adult Students, Career Services, Disability Services, Multicultural Affairs, Orientation and Family Programs, and Student Life are located in EUC.

The Student Plaza and Fountain, situated in the middle of the campus, is a popular location for outdoor events and informal gatherings.

There are 170 affiliated clubs and organizations at UNCG, including honor societies, national societies, service organizations, departmental, professional, religious, and general groups, musical, media organizations, and sports clubs. UNCG is one of only six higher educational institutions in North Carolina approved to have a chapter of Phi Beta Kappa.

Eight Greek fraternities and ten sororities have chapters on campus and offer a channel for social growth.

UNCG has a sixteen-team intercollegiate athletics program and competes in the NCAA Division I and the Southern Conference. A wide choice of intramural sports and club sports is also offered on campus.

The well-equipped recreation center offers a full range of recreational services to the campus, including an indoor climbing wall.

The UNCG campus is located near the center of Greensboro, the state's third largest city. Greensboro has a population of 231,740, while the greater Triad area has a population approaching 1,502,100. Located midway between Washington and Atlanta, Greensboro is less than two hours from the Blue Ridge mountains, about three hours from the Atlantic coast, and is served by Piedmont Triad International Airport. Greensboro is a dynamic city, offering a splendid setting for a university. In return, for more than a century, UNCG has enriched Greensboro with its widely diversified academic community.

Accreditation

The University of North Carolina at Greensboro is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1866 Southern Lane, Decatur, Georgia, 30033-4007; telephone 404/679-4501) to award Bachelor's, Master's, Specialist's, and Doctor's degrees.

Teacher Education programs have been approved at the state level by the North Carolina Department of Public Instruction and at the national level by the National Council of Accreditation in Teacher Education.

Programs in the professional schools and in certain departments of the College of Arts and Sciences are also accredited by relevant professional agencies. Where applicable, such accreditation is noted in the respective sections in Academic Units and alphabetical departmental listings.

The Mission of The University of North Carolina at Greensboro

Approved by Chancellor Sullivan, August 4, 2003
following review by the Executive Staff
Endorsed by the Board of Trustees, August 28, 2003

The University of North Carolina at Greensboro is a diverse, student-centered research university, linking the Triad and North Carolina to the world through learning, discovery, and service. As a doctorate-granting institution, it is committed to teaching based in scholarship and advancing knowledge through research. The College of Arts and Sciences and six professional schools offer challenging graduate and undergraduate programs in which students are mentored by outstanding teachers, including nationally and internationally recognized researchers and artists.

Affirming the liberal arts as the foundation for lifelong learning, the university provides exemplary learning environments on campus and through distance education so that students can acquire knowledge, develop intellectual skills, and become more thoughtful and responsible members of a global society. Co-curricular, residential, and other programs contribute to students' social, aesthetic, and ethical development.

The University of North Carolina at Greensboro is a community in which people of any racial or ethnic identity, age, or background can achieve an informed appreciation of their own and different cultures. It is a community of actively engaged students, faculty, staff, and alumni founded on open dialogue, shared responsibility, and respect for the distinct contributions of each member.

The Vision Statement of The University of North Carolina at Greensboro

Approved by Chancellor Sullivan August 4, 2003,
following review by the Executive Staff
Endorsed by the Board of Trustees August 28, 2003

The University of North Carolina at Greensboro is a diverse, student-centered research university, linking the Triad and North Carolina to the world through learning, discovery, and service.

UNCG's Vision for Teaching and Learning

UNCG embraces student learning as its highest priority and provides exemplary learning environments. The University establishes a diverse community of learning in which individual differences are valued and interactions are encouraged in an atmosphere of mutual respect.

The faculty are committed to introducing students to the most important knowledge and research in their disciplines, fostering intellectual depth and breadth, and opening students to new possibilities for understanding themselves and the world. The faculty employ the growing body of knowledge about learning and work continually to evaluate and improve their teaching methods and materials. UNCG views learning as a shared responsibility, and accordingly,

- maintains clear, high, and consistent learning goals,
- provides a variety of opportunities which foster intellectual growth,
- empowers individuals to take responsibility for their own learning,
- recognizes and supports diverse learning styles and levels of development,

- incorporates appropriate informational and instructional technologies,
- encourages the integration of knowledge across disciplines, and
- utilizes assessment, evaluation, and feedback to improve teaching and learning.

UNCG expects all students to communicate clearly and to make effective use of technology appropriate to their studies. Students are encouraged to be actively engaged in their education. UNCG graduates should be ready to continue as lifelong learners and to face the challenges that will confront them as responsible citizens of the state, the nation and the world.

Policy on Discriminatory Conduct

Approved by the Chancellor, April 27, 1990
Amended September 10, 2001

The University of North Carolina at Greensboro is committed to the principle that educational and employment decisions should be based on an individual's abilities and qualifications and should not be based on personal characteristics or beliefs that have no relevance to academic ability or to job performance. Accordingly, UNCG supports policies, curricula, and co-curricular activities that encourage understanding of and appreciation for all members of its community. UNCG will not tolerate any harassment of, discrimination against, or disrespect for persons. UNCG is committed to equal opportunity in education and employment for all persons regardless of race, color, creed, religion, gender, age, national origin, disability, military veteran status, political affiliation, or sexual orientation.

This policy applies internally as well as to the University's relationships with outside organizations, except to the extent that those organizations, including the federal and State government, the military, ROTC, or private employers do not yet recognize sexual orientation as protected.

The University's educational and employment practices are consistent with Section 103 of The Code of The University of North Carolina. In addition, the University complies with North Carolina General Statutes §126-16 and §126-17, Title VII of the Civil Rights Act of 1964, as amended, the Civil Rights Restoration Act of 1988, Title IX of the Education Amendments of 1972, the Rehabilitation Act of 1973, the Americans with Disabilities Act of 1990, the Vietnam Era Veteran's Readjustment Assistance Act of 1974, and other federal and state laws relating to discrimination in educational programs and employment. In accord with Executive Order 11246, the University has in place an Affirmative Action Plan which states the University's commitment to the concept and practice of equal employment opportunity for all persons regardless of race, color, creed, religion, gender, age, national origin, disability, military veteran status, political affiliation, or sexual orientation.

Any employee who believes he or she has been treated unfairly based on any of the above characteristics should contact his or her immediate supervisor, or the next level supervisor if the immediate supervisor is the subject of the allegation. Students should contact the Office of Student Affairs.

Retaliatory action of any kind will not be tolerated against any person for making a good faith report of discrimination or on the basis of that person's participation in any allegation, investigation, or proceeding related to the report of discriminatory conduct. Every UNCG employee and student is charged with the responsibility to be aware of and abide by this policy. Failure to abide by this policy may subject the violator to disciplinary action up to and including dismissal.

This policy may also be found at www.uncg.edu/apl/POLICIES/ivb005.html.

Affirmative Action Program

The Code adopted by the Board of Governors of The University of North Carolina affirms the following statement:

> Admission to, employment by, and promotion in The University of North Carolina and all of its constituent institutions shall be on the basis of merit, and there shall be no discrimination against any person on the basis of race, color, creed, religion, sex, national origin, age, or disability, or because of the person's honorable service in the armed services of the United States. (Chapter 1, Section 103)

At The University of North Carolina at Greensboro, the following statement has been formulated to express the commitment to Affirmative Action:

> In addition to adherence to the UNCG Policy on Discriminatory Conduct, the University aims to achieve within all areas of employment a diverse faculty and staff capable of providing for excellence in the education of its students and for the enrichment of the total University community. In seeking to fill openings, every effort will be made to recruit in such a way that women, minorities, disabled persons, and veterans will have an equal opportunity to be considered for and appointed to all vacant positions. All appointments, promotions, and all other personnel actions, such as compensation, benefits, transfers, training and educational programs, tuition assistance, travel assistance, research grants, support for graduate assistants, social and recreational programs, will be administered without regard to race, color, creed, religion, gender, national

origin, age, political affiliation, sexual orientation, or disabling condition in such manner as is consistent with achieving a staff of diverse and competent persons.

Overall responsibility for the development and implementation of the University's Affirmative Action Plan resides with the Chancellor. The Affirmative Action Committee and the Affirmative Action Office have been given the responsibility to monitor the effectiveness of the University's Affirmative Action Program and to assist in affirmative action policy and planning. This does not diminish in any way the responsibilities of deans, department heads, managers, and supervisors to assist in administering the affirmative action policy and planning through promulgation of information.

The University of North Carolina at Greensboro reaffirms its commitment to equality of opportunity in its relationships with all members of the University community.

All employees of the University are expected to support the principle of and contribute to the realization of equal employment opportunity. Affirmative action is a priority concern in all facets of operation.

2. ADMISSION TO THE UNIVERSITY

complete admission information: Undergraduate Admissions www.uncg.edu/adm

transfer credit evaluation: University Registrar's Office www.uncg.edu/reg

residency status for tuition purposes: Provost's Office http://provost.uncg.edu/res

UNCG seeks men and women with ability, character, motivation, and the intellectual potential to meet UNCG standards of performance. UNCG's admission decision is based upon an evaluation of the applicant's secondary school record and/or college record, including the overall grade point average and SAT or ACT scores. These factors are used to determine the applicant's probability of success at UNCG.

This policy applies to the admission of freshmen and transfer students. The University of North Carolina at Greensboro is fully committed to equality of educational opportunity and does not discriminate against applicants, students, or employees based on race, color, national origin, religion, sex, age, or disability. This commitment is in keeping with Title IX of the Educational Amendments of 1972 and Section 504, Rehabilitation Act of 1973, the ADA of 1990, and other applicable federal and state laws. The Affirmative Action Officer, UNCG, PO Box 26170, Greensboro, NC 27402-6170, (336/334-5009), is responsible for coordinating compliance and investigating complaints.

For traditional freshman and transfer applicants, interviews are not used as criteria for admission. Individual appointments for information purposes may be arranged by contacting the Office of Undergraduate Admissions, 336/334-5243, in advance of the date a campus visit is planned.

Adult students who do not meet regular admission requirements may be considered for admission through the Office of Undergraduate Admissions (see below).

Overenrollment or state budgetary constraints may require the restriction of admission during a given year or the adjustment of minimum requirements or application deadlines. Visit the Web site at www.uncg.edu/adm or call the Undergraduate Admissions Office, Armfield-Preyer Admissions & Visitor Center, 336/334-5243, for complete admissions information.

Freshmen

A freshman is defined as a student who is a high school graduate and who has not attended college. Admission into the freshman class implies that the student will eventually become a candidate for a bachelor's degree. A student who has college credit totaling fewer than 30 semester hours from a regionally accredited institution is designated as a "freshman-transfer" and must meet requirements under both transfer and freshman admissions programs.

Secondary School Preparation

Candidates for admission to the freshman class must submit a secondary school diploma (or its equivalent) and *at least* 15 acceptable units of credit from an accredited secondary school. (A unit is defined as credit given for a course which meets for one period daily during the entire school year or its equivalent.) **Students must present the units described at the bottom of this page.**

It is recommended that prospective students take one foreign language unit and one mathematics unit in the twelfth grade.

Required Secondary School Units (minimum course requirements)*

English (emphasizing grammar, composition, and literature)	4
Foreign Language (two units of one foreign language)	2
Mathematics (Algebra I, Algebra II, Geometry, one advanced course beyond Algebra II**)	4
Science (including at least **1 unit in life or biological science**, at least **1 unit in physical science**, at least **1 laboratory course**)	3
Social Science (1 unit in US history; 1 unit in history, economics, sociology, or civics)	2
Total required units	**15**

**These required units vary per high school graduation year. Please contact the Office of Undergraduate Admissions for details.*

***Please contact the Office of Undergraduate Admissions for an approved list of courses that satisfy the fourth mathematics requirement.*

Application Procedures for Freshmen

1. Complete the UNCG application forms. A $45 application fee must accompany the application. This fee covers the cost of processing the application and is subject to change; it is not refundable and is not applicable toward tuition or other costs.

   The application deadline for freshman admission is March 1. Applications received after that date will be considered on a space available basis.
2. Submit an official transcript of secondary school work. Applicants must request that their school counselors forward their transcripts, including courses in progress, cumulative grade point average on a 4.0 scale, and rank in class, directly to the Office of Undergraduate Admissions. Students currently enrolled in secondary school should request that the courses in progress and cumulative grade point average be listed on the transcripts.
3. Take the SAT administered by The College Board or the ACT Assessment with the Writing Test option. If possible, this test should be taken in the spring of the junior year and in the fall of the senior year of secondary school. **It is recommended that test scores be sent directly from The College Board or from the ACT Assessment Program to the Office of Undergraduate Admissions.**

For information about the SAT, visit the ETS Web site at www.ets.org. You may also write or call The College Board SAT Program, Princeton, NJ 08541, 609/771-7600. UNCG's College Board code number is 5913. For information about the ACT, you may visit the ACT Web site at www.act.org. You may also write or call ACT, P.O. Box 168, Iowa City, IA 52243, 319/337-1000. UNCG's ACT code number is 3166.

Early Graduates

Students who plan to complete high school in fewer than four years with the intention of enrolling at UNCG early must meet the following criteria to be considered for admission:

- Submit the UNCG application forms and application fee prior to the deadline.
- Submit a final high school transcript with an official graduation date that is prior to the intended enrollment date at UNCG.
- Satisfy the minimum course requirements prior to graduation.
- Submit official SAT or ACT scores.

Please note that students who enroll as early graduates are not eligible for the merit award scholarship program.

Transfer Students

Well-qualified students with 30 transferable semester hours or more of college credit from a regionally accredited institution are encouraged to transfer to UNCG to continue their studies. A student who has college credit totaling fewer than 30 hours from a regionally accredited institution is designated a "freshman-transfer" and must meet requirements under both transfer and freshman admissions programs.

Requirements and Procedures

For consideration as a transfer, students must have a 2.0 or higher grade point average on a 4.0 scale on all previous work attempted and on all transferable course work from a regionally accredited college or university. Grade point averages are recalculated to determine admissibility. Transfer students must be in good standing and eligible to return to their last attended institution.

For transfer students, the priority deadline for submitting the application is March 1 for fall and November 1 for the spring semester. Final deadlines for transfer applicants are August 1 for fall and December 1 for spring (space permitting).

Transfer students are required to submit by the above deadlines:

1. UNCG application forms showing true and complete information.
2. Official transcript from the secondary school attended. Transfer students must present 15 acceptable units of credit from an accredited secondary school. See specific course units listed in "Freshmen" section.
3. Official transcripts from each postsecondary institution previously attended (including summer school and extension).
4. A list of courses in progress including course number, course name, and semester/quarter hours of credit.
5. An application fee, currently $45, not refundable and not applicable toward tuition and other costs.

After receipt of the above credentials, the UNCG admissions staff reviews the application to determine admissibility.

The number of semester hours of credit for previous college-level work that can be transferred to UNCG will be determined by the University Registrar after formal admission. Transfer credit to be awarded is determined by the quality as well as the quantity of the student's previous college work. Course work completed with a grade of C-, D+, D, or D- will not transfer. Transfer courses are evaluated on a course-by-course basis.

2Plus Students

The 2Plus program is for those community college graduates who hold a specific Associate in Applied Science (A.A.S.) degree or Associate Degree in Nursing (A.D.N.) and desire to transfer into UNCG with advanced standing, pursuing a specific UNCG major. Articulation notices are sent to most North Carolina community colleges listing the 2Plus admission requirements. Specific details of each notice may be obtained from the UNCG Undergraduate Admissions Office or the community college involved. Out-of-state

A.A.S./A.D.N. degrees may also be approved to transfer under the 2Plus program by the corresponding UNCG academic department.

2Plus Articulation students are transfer students with several unique requirements and procedures. All details governing their enrollment are provided for in the articulation notices. The decision for admission is based on successful completion of the A.A.S./A.D.N. degree, and other specific factors outlined in the 2Plus articulation notice. These applicants must complete all procedures listed under **Transfer Students** except for #2 and apply through the Undergraduate Admissions Office.

2Plus students must meet the grade point average requirements of the UNCG School of their major as designated in the articulation notice.

No combination of 2Plus and community college transfer credit may exceed 64 hours on the student's transfer equivalency worksheet.

Please visit the 2Plus Web site (web.uncg.edu/adm/2plus) for more details about 2Plus admission requirements.

Admissions Decision

After all required information is received by the Office of Undergraduate Admissions, applicants are notified by letter of their acceptance, rejection, or other action taken on their applications.

Confirmation of Intent to Enroll

Students admitted before April 1 for the fall semester must confirm their intention to enroll by May 1 by confirming online at http://web.uncg.edu/adm/steps. Students admitted after April 1 for the fall semester and all students admitted for the spring semester must confirm their attendance online within four (4) weeks from the date on their letter of admission. If a student does not confirm intent to enroll, the student's application is subject to cancellation. Students must also submit a completed immunization form prior to enrolling.

Students with International Credentials

For the purpose of admission, UNCG defines an "international student" applicant as a foreign national who holds, or who intends to hold, a temporary, non-immigrant visa/status in the U.S.A. International students apply through the International Programs Center. For additional information please contact the Director of International Admissions at 336/334-5404.

Applicants who are U.S. citizens, U.S. nationals, U.S. permanent residents, pending permanent residents, political asylees or refugees are considered as "domestic" applicants and should apply through the Office of Undergraduate Admissions. For additional information please contact the Office of Undergraduate Admissions at 336/334-5243.

International athletic applicants must be approved for admission by both the International Programs Center and the Office of Undergraduate Admissions.

International Student Admissions

International students may apply to UNCG for the fall (August) or spring (January) semester. The fall semester deadline for applicants who desire on-campus housing is March 1, and May 1 for students not needing on-campus housing. The deadline for the spring semester is October 1. Applicants may download a printable version of the International Admission Application Form from www.uncg.edu/ipg/internationalapp.pdf or send an e-mail request to int_programs@uncg.edu.

Admission is based on courses taken, grades achieved in secondary and post-secondary institutions, and English proficiency test results. International athletes must also submit SAT results.

First-Time Freshman International Admissions Criteria

International applicants to UNCG are required to submit the following:

- **Complete International Admission Application.** Undergraduate International Admission Application Form is available for download at www.uncg.edu/ipg/internationalapp.pdf or e-mail int_programs@uncg.edu. Please read instructions carefully and complete all appropriate sections.
- A $45.00 (U.S. currency) non-refundable processing fee payable to UNCG must accompany your application.
- Results of the Test of English as a Foreign Language (TOEFL) or other acceptable test (see below for list of tests). Scores must be sent directly to UNCG from testing agency.
- **Affidavit of Financial Support** and bank statement. Both pages of financial affidavit and the bank statement may be faxed to 336/334-5406.
- Original or certified copies of all OFFICIAL secondary records including certificates, degrees, or diplomas in original language of issue. Do not fax academic records. Applicants who have studied in the U.S. are required to have the institution(s) in the U.S. send the transcript(s) directly to UNCG.
- Official English translations of all academic records including certificates, degrees, or diplomas. Send OFFICIAL transcript(s) directly to UNCG.

English Language Proficiency

Applicants whose first language is not English are required to prove English proficiency by one of the following means:

- TOEFL—Test of English as a Foreign Language with a minimum Paper-Based score of 550, a minimum Computer Based score of 213, or a minimum Internet Based score of 79.
- APIEL—AP International Language Exam with a score of 3 or higher.
- IELTS—International English Language Test System with a score of 6.5 or higher.
- MELAB (Michigan English Language Battery) test result of 80 or higher.
- SAT—Scholastic Aptitude Test with a verbal score of 400 or higher.

- Successful completion of a college transferable English course (minimum requirement: grade of C or better).
- Successful completion of the INTERLINK Language Program at UNCG.

UNCG Intensive English Language and Conditional Admissions

An Intensive English Program is offered through INTERLINK. Our office works closely with INTERLINK to offer Conditional Admission to academically eligible students enrolled in INTERLINK. We guarantee admission to the University once these students have successfully completed Level 5 or achieve an acceptable English language proficiency test score. For more information please contact the INTERLINK office.

Transfer Student International Admissions Criteria

Transfer applicants must request official transcripts from each post-secondary institution attended. International and U.S. transcripts and the official translations must be sent to the Office of International Programs. If you have attended an institution in the U.S., please contact your international advisor at the institution you attended for information regarding SEVIS.

You are required to submit all transfer records whether or not you wish to receive credit. Concealing attendance at an educational institution is considered an offense by the University and can be grounds for academic dismissal.

International applicants to UNCG are required to submit the following:

- **Complete International Admission Application.** Undergraduate International Admission Application Form is available for download at www.uncg.edu/ipg/internationalapp.pdf or e-mail int_programs@uncg.edu. Please read instructions carefully and complete all appropriate sections.
- A $45.00 (U.S. currency) non-refundable processing fee payable to UNCG must accompany your application.
- Results of the Test of English as a Foreign Language (TOEFL) or other acceptable test (see below for list of tests). Scores must be sent directly to UNCG from testing agency.
- **Affidavit of Financial Support** and bank statement. Both pages of financial affidavit and the bank statement may be faxed to 336/334-5406.
- Original or certified copies of all OFFICIAL secondary and post-secondary records including certificates, degrees, or diplomas in original language of issue. Do not fax academic records. Applicants who have studied in the U.S. are required to have the institution(s) in the U.S. send the transcript(s) directly to UNCG.
- Official English translations of all academic records including certificates, degrees, or diplomas. Do not fax translations. Send OFFICIAL transcript(s) directly to UNCG.

English Language Proficiency

Applicants whose first language is not English are required to prove English proficiency by one of the following means:

- TOEFL—Test of English as a Foreign Language with a minimum Paper-Based score of 550, a minimum Computer Based score of 213 or a minimum Internet Based score of 79.
- APIEL—AP International Language Exam with a score of 3 or higher.
- IELTS—International English Language Test System with a score of 6.5 or higher.
- MELAB (Michigan English Language Battery) test result of 80 or higher.
- SAT—Scholastic Aptitude Test with a verbal score of 400 or higher.
- Successful completion of a college transferable English course (minimum requirement: grade of C or better).
- Successful completion of the INTERLINK Language Program at UNCG

Please have all scores sent to UNCG directly from testing agency.

UNCG Intensive English Language and Conditional Admissions

An Intensive English Program is offered through INTERLINK. Our office works closely with INTERLINK to offer Conditional Admission to academically eligible students enrolled in INTERLINK. We guarantee admission to the University once these students have successfully completed Level 5 or achieve an acceptable English language proficiency test score. For more information please contact the INTERLINK office.

Second-degree International Admissions Criteria

Applicants must submit secondary and college/university transcripts with English translations. Review of the college/university transcripts will determine second-degree eligibility. Other requirements and procedures are the same as for International Transfer Students.

NOTE: Students who have taken advanced examinations in high school, such as British A-levels, the German Arbitur, or the French Baccalaureate, may be eligible to receive university course credits, upon review by IPC. Students who have taken the International Baccalaureate Higher Level Examinations may also be awarded university course credits. IB test scores must be sent to UNCG to assign the appropriate number of credit hours.

Domestic Applicants with International Credentials

Application Procedures for Domestic Freshmen with any International Credentials

1. Complete the UNCG application forms. A $45 application fee must accompany the application. This fee covers the cost of processing the application and is subject to change; it is not refundable and is not applicable toward tuition or other costs. The application deadline is March 1. Applications received after that date will be considered on a space available basis.
2. Submit original or certified copies of all official secondary records including certificates, degrees, or diplomas in original language of issue. Official records must be sent directly to the Office of Undergraduate Admissions. Applicants who have studied in the U.S. must request that their school counselors forward their transcripts directly to the Office of Undergraduate Admissions.
3. Official English translations of all academic records obtained outside of the U.S., including certificates, degrees, or diplomas must be submitted directly to the Office of Undergraduate Admissions.
4. Students with any international credentials must submit transcript evaluations from a company recognized by NACES or from AACRAO by the March 1 deadline in order for an admission decision to be made. Please visit www.naces.org or www.aacrao.org to obtain a list of qualified evaluation services.

English Language Proficiency

Applicants whose first language is not English are required to prove English proficiency by one of the following means:

- TOEFL—Test of English as a Foreign Language with a minimum Paper-Based score of 550, a minimum Computer Based score of 213 or a minimum Internet Based score of 79.
- APIEL—AP International Language Exam with a score of 3 or higher.
- IELTS—International English Language Test System with a score of 6.5 or higher.
- MELAB (Michigan English Language Battery) test result of 80 or higher.
- SAT—Scholastic Aptitude Test with a verbal score of 400 or higher.
- Successful completion of a college transferable English course (minimum requirement: grade of C or better).
- Successful completion of the INTERLINK Language Program at UNCG.

Please have all scores sent to UNCG directly from the testing agency.

Application Procedures for Domestic Transfer Students with any International Credentials

1. Complete the UNCG application forms. A $45 application fee must accompany the application. This fee covers the cost of processing the application and is subject to change; it is not refundable and is not applicable toward tuition or other costs. For transfer students, the priority deadline for submitting the application and all credentials is March 1 for fall and November 1 for the spring semester. Final deadlines for transfer applicants are August 1 for fall and December 1 for spring (space permitting).
2. Submit original or certified copies of all official secondary records including certificates, degrees, or diplomas in original language of issue. Official records must be sent directly to the Office of Undergraduate Admissions. Applicants who have studied in the U.S. must request that their high school counselors forward their transcripts directly to the Office of Undergraduate Admissions.
3. Submit original or certified copies of all post-secondary records including certificates, degrees or diplomas in original language of issue. Official records must be sent directly to the Office of Undergraduate Admissions.

   Applicants who have studied in the U.S. are required to submit official transcripts from each postsecondary institution previously attended (including summer school and extension). Official transcripts must be sent directly to the Office of Undergraduate Admissions.
4. Official English translations of all secondary and post-secondary academic records, obtained outside of the U.S., including certificates, degrees, or diplomas must be submitted directly to the Office of Undergraduate Admissions.
5. All academic records obtained outside of the U.S. must be evaluated by a company recognized by NACES or by AACRAO prior to the application deadline in order for an admission decision to be made. Please visit www.naces.org or www.aacrao.com to obtain a list of qualified evaluation services.

Course descriptions and/or course syllabi must be submitted to the Transfer Articulation Division of the University Registrar's Office. Course descriptions and/or course syllabi must be in English and translated by an accredited translation service.

English Language Proficiency

Applicants whose first language is not English are required to prove English proficiency by one of the following means:

- TOEFL—Test of English as a Foreign Language with a minimum Paper-Based score of 550, a minimum Computer Based score of 213 or a minimum Internet Based score of 79.
- APIEL—AP International Language Exam with a score of 3 or higher.
- IELTS—International English Language Test System with a score of 6.5 or higher.
- MELAB (Michigan English Language Battery) test result of 80 or higher.

- SAT—Scholastic Aptitude Test with a verbal score of 400 or higher.
- Successful completion of a college transferable English course (minimum requirement: grade of C or better).
- Successful completion of the INTERLINK Language Program at UNCG.

Please have all scores sent to UNCG directly from the testing agency.

Visiting Students

College Level

A student who is currently working toward a degree at another institution but wishes to take courses at UNCG during the regular term is classified as a "visiting" student. Students attending any of the constituent campuses of the Greater Greensboro Consortium (Bennett College, Elon University, Greensboro College, Guilford College, High Point University, Guilford Technical Community College, and North Carolina Agricultural and Technical State University) are not visiting students.

To be considered for admission as a visiting student, an applicant must:

- Submit the regular application form and the application fee no later than August 1 for fall or December 1 for spring.
- Have official transcripts from each institution attended forwarded to the UNCG Office of Undergraduate Admissions.

Visiting students must have a cumulative 2.0 GPA or better on a 4.0 scale on all previous work attempted. They must be in good standing and eligible to return to their last attended institution.

Written permission from the dean of the home institution must be provided if a student wishes to continue enrollment beyond one semester.

High School Level

It is possible for high school seniors with exceptionally superior academic credentials to supplement their high school curriculum. Admission as a visiting student does not imply regular admission to UNCG.

Visiting high school applicants must:

- Call the Office of Undergraduate Admissions prior to submitting an application to determine if the student meets visiting student requirements.
- Submit the UNCG application forms and the application fee.
- Have a letter of permission from parent(s) and from the high school principal sent directly to the UNCG Office of Undergraduate Admissions. The letter must include permission to take a specific UNCG course.
- Request that an official high school transcript and SAT or ACT scores be sent to the UNCG Office of Undergraduate Admissions.

Adult Students

UNCG encourages qualified adult students to complete their undergraduate degrees.

Persons who have been away from formal schooling for at least twelve (12) consecutive months at any time may apply for consideration as freshman or transfer students, even though they may not meet traditional admission requirements. They must have completed high school, an adult high school diploma, or earned a GED. If they are under 24 years of age, they must have fulfilled the UNC-System Minimum High School Course Requirements listed at the beginning of this chapter or a required sequence of college transfer course work to be eligible for consideration. Some adult students may be admitted for full-time course work, some may have their hours limited to promote academic success, and some may be advised first to complete preparatory course work elsewhere. An interview with an Admissions advisor may be required.

To apply for admission as a nontraditional adult student, an applicant must do the following no later than August 1 for fall or December 1 for spring semester. We evaluate transfer applications on a rolling basis and strongly encourage early application.

1. Complete the UNCG application form and return it the Office of Undergraduate Admissions with the application fee no later than August 1 for fall or December 1 for spring.
2. Submit official transcripts for the secondary school attended (and GED scores or adult high school diploma, if applicable) and from any post-secondary institution(s) attended, even those granting summer, extension, developmental, and technical credit.

Applicants will be notified of a decision as soon as possible. Admitted students should confirm their intention to enroll by confirming online at http://web.uncg.edu/adm/steps within four weeks from the date of acceptance if possible. Confirmation of late acceptance must be made by the registration deadline. Before enrolling, students must submit an immunization form (found in the UNCG Enrollment Handbook or on the Web site listed above) to the UNCG Student Health Services in Gove Student Health Center.

Former UNCG Students

UNCG students who leave UNCG at any time other than summer must reapply for admission. Students should contact the Office of Undergraduate Admissions, 336/334-5243, to obtain information and an admissions application. Former students should follow one of the procedures outlined below:

- **Former UNCG students who have not attended any other post-secondary institution since leaving UNCG** are eligible to apply for readmission to the University up to two business days before the first day of classes for the semester.
- **Former UNCG students who have attended another post-secondary institution since leaving the University are required to apply for readmission to the University (no later than December 1 for the spring term or August 1 for the fall term).**

They are further required to submit official transcripts from all schools attended since leaving UNCG to the Office of Undergraduate Admissions.

- All students must have an overall and transferable 2.0 GPA on a 4.0 scale as calculated by UNCG on all courses taken since leaving the University.
- **Former UNCG students who leave in good standing and are eligible to return must apply for readmission.**
- **Students not in academic good standing (academic probation, suspension, dismissal) when they leave the University** must apply and meet readmission requirements if they have attended another university.
- Former UNCG students who left on academic dismissal, must also petition Student Academic Services to return. Formerly dismissed students who successfully petition to return must agree to participate in a program sponsored by Student Academic Services during their first semester upon return. Failure to meet the conditions of this program will result in immediate dismissal from the term. Formerly dismissed students who are readmitted will be notified about the details of this program when their appeal is approved.

Second Baccalaureate Degree Students

An applicant who holds a baccalaureate degree from a regionally accredited institution and who wishes to take undergraduate work toward a second baccalaureate degree in a different field should follow the instructions below:

1. Complete the application form and return it to the Undergraduate Admissions Office with the application fee no later than August 1 for fall or December 1 for spring.
2. Submit official transcripts from each postsecondary institution previously attended (including summer school and extension) by the above deadlines.
3. An application fee, currently $45, not refundable and not applicable toward tuition and other costs.

An applicant holding a baccalaureate degree and taking work for credit for other purposes must apply through The Graduate School.

Exception I: second-degree applicants to Preprofessional Programs, including the Pre-Medical Program, should apply through the Undergraduate Admissions Office.

Exception II: All students seeking Standard Professional I Licensure in the same major as their degree should contact the UNCG Teachers Academy at 336/334-3412.

Non-Degree Seeking Students

Non-degree seeking registration for unrestricted courses is available at the beginning of each semester for undergraduate-level adults who wish to take a course(s) for personal enrichment or professional development through the Division of Continual Learning. The non-degree seeking registration process is not intended for UNCG students who are already admitted to degree programs or who are returning to UNCG.

Students who have earned a baccalaureate degree must register through the VISIONS program. Please refer to *The Graduate School Bulletin* for information on the VISIONS program for visiting and non-degree seeking students.

Non-degree seeking students are not eligible for any kind of University financial aid. Like all UNCG students, non-degree seeking students are subject to Immunization Clearance requirements (see below) and will be held to the same academic good standing policies (see chapter 4).

Information about non-degree seeking registration may be obtained from the Division of Continual Learning (336/334-5414) or The Graduate School (336/334-5596) for VISIONS.

Registering for courses as a non-degree seeking student does not constitute admission to UNCG or any of its programs. Students seeking admission to a degree program should file a formal application through the Undergraduate Admissions Office or The Graduate School.

Part-Time Degree Students

Students who plan to enroll on a part-time basis, but who wish to work toward a degree, are considered "part-time degree students" and should follow the standard admissions procedures. Part-time students are those who enroll in fewer than 12 semester hours. Tuition and fees are determined by the number of hours taken and by in-state or out-of-state residency (see chapter 3 for details).

Additional College, School, & Departmental Requirements for All Applicants

Schools, departments, and majors may have special admission and progression requirements in addition to University admission requirements. Below is a summary of those programs which have additional requirements. See departmental listings for complete details.

College of Arts and Sciences

Biology majors: must maintain a 2.0 GPA in all biology courses taken at UNCG; teacher licensure in biology requires a 2.50 GPA in all biology courses taken at UNCG.

Broadcasting & Cinema majors: to be admitted to the Media Studies major the student must have successfully completed ENG 101, BCN 100, and BCN 101 or 102 with grades of C or better and have an overall GPA of 2.20.

Chemistry and Biochemistry majors: Only major requirement and related area requirement courses in which grades of C- or better are earned will be counted toward the major. Students must earn a C- or better in prerequisite major requirement and related area requirement courses before advancing to subsequent courses.

Classical Studies majors: must have a 2.0 GPA or better in all courses in the major. Students pursuing Secondary Subject Area Teacher Licensure in Latin must have a 2.50 overall GPA for admission to the Teachers Academy, and a minimum 3.0 GPA in Latin courses.

Communication Studies majors: must have grades of 2.0 or better in all courses to be admitted to the major.

English majors: must have grades of C- or better in all courses in the major. Admission to teacher education and student teaching in English requires a minimum GPA of 2.75.

Geography majors: only grades of C- or higher will count toward completion of the major and concentrations.

German majors: must maintain a GPA of 2.0 in all German courses.

History majors: must maintain a cumulative 2.0 GPA in all history courses to qualify for a degree in History.

Mathematics and Statistics majors: Students must have a minimum GPA of 2.0 in MAT/STA courses required for the major and completed at UNCG.

Physics majors: must maintain a 2.0 GPA in all required physics and mathematics courses.

Romance Languages majors: must have grades of C- or better in all courses in the major. Admission to teacher education and student teaching in French/Spanish requires a GPA of 2.75 overall and in the major.

Sociology majors: All sociology majors must complete a minimum of 33 semester hours in sociology with at least a 2.0 GPA in the major.

Theatre majors: Drama majors (B.A. and B.F.A.) must have grades of C (2.0) or better in all courses in the major; Drama majors (B.F.A.) with a concentration in Theatre Education must have an overall GPA of 3.0.

Bryan School of Business and Economics

Enrollment in Bryan School Courses: Students must have a minimum overall 2.0 GPA to enroll in Bryan School courses.

Accounting & Information Systems major: requires a 2.50 GPA for admission to and retention in the program.

International Business Studies Program: requires a 2.50 GPA for admission to and retention in the program.

Other Bryan School Programs: A 2.0 GPA is required for admission to and retention in all other programs and majors in the Bryan School.

School of Education

Elementary or Middle Grades Education majors: a GPA of 2.75 is required for admission to these teacher education programs. Transfer students planning to pursue those majors should contact the School of Education Student Information & Advising Office.

Education of the Deaf majors: Teacher Education Preparation Concentration majors must have a GPA of 2.75 for admission to the Teachers Academy. The Auditory-Oral/B–K program requires an overall GPA of 2.70. The Interpreter Training concentration requires an overall GPA of 2.50 for admission.

Special Education majors: must have an overall GPA of 2.75.

Admission to teacher education at the secondary level requires a minimum GPA of 2.50, except where higher GPA requirements are noted. Applications for admission should be filed in the Teachers Academy (319 Curry) during the second semester of the sophomore year. Transfer students must apply after they have completed 12 semester hours in residency.

School of Health and Human Performance

Dance majors: admission to all majors is by application and audition only. **B.S. in Dance Education majors** must have a 2.50 GPA for admission to the Teachers Academy. **B.F.A. Dance majors** must maintain an overall GPA of 2.75 or higher.

Exercise and Sport Science majors: all majors must achieve a grade of C or better in all required ESS courses.

Fitness Leadership: To apply for admission into the Fitness Leadership concentration, students must satisfactorily complete BIO 111, 271, 277, ESS 220, and one CHE course. Students may apply for admission into the concentration **only while taking or after successfully completing ESS 375 with a minimum grade of C**. Transfer and second-degree students must complete the above requirements and successfully complete twelve (12) semester hours at UNCG before making application. Application does not guarantee admission. For complete information, see chapter 7.

Physical Education Teacher Education: A 2.50 GPA is required for admission to the Teachers Academy. Admission to the **Sports Medicine concentration** requires a 3.0 GPA. **Fitness Leadership, Aquatics Leadership**, and **Community Youth Sport Development concentrations** require a 2.50 GPA before registering for the internship course.

Health Education majors: must have a 2.50 cumulative GPA and at least a C in all health courses for admission into the professional program.

Speech Pathology and Audiology majors: must have an overall GPA of 3.0.

School of Human Environmental Sciences

Consumer, Apparel, & Retail Studies majors: only grades of C (2.0) or higher in CARS courses will count toward completion of the CARS major and concentrations. An apparel product construction proficiency exam must be passed to enroll in the Apparel Product Design Studio courses, beginning with APD 250.

Nutrition majors: must earn grades of C or better in all required NTR courses.

Interior Architecture majors: admission is by personal interview or group orientation only. Transfers must have a 2.50 GPA for admission. A GPA of 2.0 must be maintained to continue in the program.

Human Development and Family Studies majors: requires a 2.50 GPA for admission to the department. Birth–Kindergarten majors must have a 2.70 GPA to be admitted to the Teachers Academy.

Social Work majors: admission to the major is based upon satisfactory completion of SWK 215 with a GPA of C (2.0) or higher; a minimum University GPA of 2.50; completion of a minimum of 51 semester hours; completion and submission of the B.S.W. application packet by May 1 of the year in which the student is seeking admission.

Lloyd International Honors College

Admission to Lloyd International Honors College is required to enroll in Honors courses. New freshmen with at least a 3.80 high school GPA, or at least a 1200 SAT, may apply for admission on the International Honors College Web site (http://www.uncg.edu/hss) or by contacting Lloyd International Honors College, 205 Foust Building, UNCG, P.O. Box 26170, Greensboro NC 27402-6170. Continuing UNCG students must have at least a 3.30 GPA, and transfer students must have at least a 3.30 GPA from their former institution(s).

School of Music

All prospective music majors and minors must audition for members of the music faculty for acceptance into the School of Music. Such auditions should be arranged in advance through the School of Music. Students should complete the online request for undergraduate audition at:

www.uncg.edu/mus/auditionapplicationform.html.

School of Nursing

A minimum GPA of 3.0 or above is required for admission. Incoming transfer and second-degree students must have a transfer GPA of 3.0 or greater to declare Nursing as their major upon admission to the University.

Immunization Clearance

Students who have been admitted to UNCG are required by North Carolina State law to submit an immunization form with appropriate verification of immunizations. This form is supplied by the admitting office and must be satisfactorily completed and returned to Gove Student Health Center.

Failure to comply with this requirement within thirty calendar days from the first day of registration may result in the student's being administratively withdrawn from the University.

For detailed information see:
http://studenthealth.uncg.edu/policies/immunization

Students subjected to an administrative withdrawal for failure to comply with medical clearance requirements are entitled to a refund, subject to the guidelines of the University's Refund Policy. This policy is published in chapter 3 of this *Bulletin*.

Entrance Deficiencies

Entrance Deficiencies

All deficiencies must be removed before graduation from the University.

High School Subject Deficiencies

Foreign Language

A student who graduated from high school prior to 2004 who is deficient in one or two foreign language units may be admitted. If admitted, the student must remove the deficiency prior to the completion of 60 semester hours or become ineligible to continue at UNCG until the deficiencies are removed. A student transferring to UNCG as a junior or senior must remove the deficiencies prior to completion of 30 hours or become ineligible to continue.

Deficiencies can be removed by completing the appropriate college-level course in the area of the deficiency. Removal of a two-unit foreign language deficiency requires successful completion of two college-level courses in the same language. Removal of a one-unit language deficiency requires the successful completion of one college-level course at the 102 level. Students admitted with a one-unit deficiency in French or Spanish (and who wish to continue with the same language) must take the Language Placement Test to determine the level at which they will be allowed to begin their study of the language at UNCG.

Students who graduate from high school and who are deficient in any high school unit must contact the Office of Undergraduate Admissions regarding admissions requirements.

Appeal of Foreign Language Admission Deficiencies

A student with circumstances that may interfere with his/her ability to successfully remove foreign language admission deficiencies by completing beginning-level foreign language courses (through the 102 level) may appeal to remove the deficiencies by completing alternate courses. A written appeal and any supporting documentation should be submitted to Student Academic Services. In such cases, after consultation with appropriate University faculty and staff, Student Academic Services may approve alternate foreign language courses that are translated into English or courses in the history and traditions of non-English speaking cultures.

College of Arts and Sciences

Petitions for exemption from the foreign language requirement will be considered only in the most exceptional circumstances when an otherwise qualified student has submitted evidence that the **Modified Foreign Language Program in Spanish** cannot provide appropriate accommodations for his or her disability or language-learning difficulty. In very rare cases, a substitution for the 203 and/or 204 level of a foreign language may be considered.

The following reasons do not merit an appeal:

- Change of major from a professional school to the College of Arts and Sciences, or change within the College of Arts and Sciences from a B.F.A. to a B.A. degree.
- Concerns about grade point average (GPA)
- Dislike of the requirement
- Failure to plan adequately for the graduation timeline, including interruptions of the foreign language sequence that make future foreign language success more difficult
- Failure to succeed in a single course
- Misunderstanding of the degree requirements
- Differences in General Education requirements between the College of Arts and Sciences and previously attended institutions
- Waivers or substitutions offered by previously attended institutions

Please contact College of Arts and Sciences Advising at 336/334-4361 for further information.

For information concerning the Modified Foreign Language Program, see www.uncg.edu/rom.

Transfer Credit Regulations

Accreditation

UNCG accepts the accreditation of the Southern Association of Colleges and Schools Commission on Colleges. Colleges and universities outside North Carolina must have accreditation from the appropriate regional accrediting agency for the transfer credit to be accepted.

Nonaccredited Institutions

Applicants from nonaccredited post-secondary institutions must meet the requirements in effect for admission to the freshman class, including satisfactory secondary school records and SAT scores, as well as meet the transfer requirements of a 2.0 GPA on a 4.0 scale.

Validating Examinations

Some departments at UNCG require an examination to validate transfer credit. These examinations are administered by the department or school involved.

Professional School Admissions

Admission to the University does not constitute selection into any of the professional schools.

Transfer Credit Articulation

Located in the University Registrar's Office, this unit enters transfer credit course work into the student's official record. Also, in association with University faculty, this unit is responsible for determining how other higher education institution course work transfers into UNCG. Students with questions about transfer credit are encouraged to call the University Registrar's Office and ask for the Transfer Articulation area (336/334-5946). Transfer equivalencies for courses taken in the North Carolina Community College System and many area universities are available on the Web at www.uncg.edu/reg/transfer/index.html.

Transfer Credit Limit

The sum total of transfer credit from two-year college(s), that may be applied toward an undergraduate degree may not exceed 64 semester hours.

Comprehensive Articulation Agreement

The North Carolina General Assembly, the Board of Governors of The University of North Carolina, and the State Board of Community Colleges are committed to the simplification of transfer of credits for students and thus facilitating their educational progress as they pursue associate or baccalaureate degrees within and among public post-secondary institutions in North Carolina. The Comprehensive Articulation Agreement (CAA) is a statewide agreement governing the transfer of credits between N.C. community colleges and public universities in North Carolina, and has as its objective the smooth transfer of students, providing certain assurances to the transferring student by identifying community college courses that are appropriate for transfer as electives, and specifying courses that will satisfy pre-major and general education requirements.

Based on initial transfer to UNCG, students who earn the A.A. or A.S. degree from a North Carolina community college and earned grades of C or better will be eligible for 60 semester hours of credit, junior standing, and will have met General Education Core (GEC) requirements. Students who complete the General Education transfer core (44 semester hours), but do not complete the A.A. or A.S. degree also will have met General Education Core (GEC) requirements. Students who earn D grades in the A.A. or A.S. program may or may not be admitted as juniors, but will not have GEC waived.

Extension Credit

UNCG extension credit, earned either on or off campus, will be considered transfer credit for admission purposes. Up to 64 semester hours in extension and/or correspondence credits may be applied toward an undergraduate degree. Academic departments may establish such course and credit limitations in acceptance of extension credit as may be required by specific degree programs.

Although UNCG extension credit is treated as transfer credit at the time of admission, it will thereafter be considered "residence" credit for degree certification purposes.

Correspondence Credit

Up to 64 semester hours in correspondence and extension credit may be applied to the completion of work for an undergraduate degree with the further stipulation that not more than one-fourth of the requirements for the degree may be completed in correspondence credit. Academic departments may establish such course and credit limitations in acceptance of correspondence credit as may be required by specific degree programs.

Although UNCG correspondence credit is treated as transfer credit at the time of admission, it will be thereafter considered "residence" credit for degree certification purposes.

Correspondence credit earned from institutions other than UNCG is always treated as transfer credit. It will have no impact on the UNCG grade point average. Credit hours only will be applied toward the UNCG degree.

Course Credit and Advanced Placement

Advanced placement credit or exemption from specific degree requirements may be granted by UNCG. Students should contact their secondary school counselors regarding dates and local test centers.

College Board Advanced Placement (AP) Program

Secondary school students enrolled in AP courses may receive college credit by taking AP examinations upon completion of the courses and forwarding the results to the Office of the University Registrar for evaluation. You may also visit the ETS Web site at www.ets.org.

ADVANCED PLACEMENT EXAM

Exam	Score Req	Hours Granted	Courses
Art History	4	3*	ART elective
Biology	3	4	BIO 105, 105L
Biology	4	8	BIO 111, 112
Chemistry	3	4	CHE 111, 112
Chemistry	4	8	CHE 111, 112, 114, 115
Computer Science AB	3	3	CSC 130
Computer Science AB	4	6	CSC 130, 230
Computer Science A	4	3	CSC 130
Economics—Macro	4	3	ECO 202
Economics—Micro	4	3	ECO 201
English—Lang & Comp	3	3	ENG 101
English—Lang & Comp	4	6	ENG 101, 102
English—Lang & Comp	5	9	ENG 101, 102, 104
English—Lit & Comp	3	3	ENG 104
English—Lit & Comp	4	6	ENG 101, 104W
English—Lit & Comp	5	9	ENG 101, 102, 104W
Environmental Science	3	4	BIO 105, 105L
French Language	4	6	FRE 203, 204
French Language	3	3	FRE 203
French Literature	4	6	FRE 301, FRE elective
French Literature	3	-	Exemption, no credit
Geography, Human	3	3	GEO 105
German Language	4	6	GER 203, 204
German Language	3	3	GER 203
Gov & Politics: Amer.	3	3	PSC 100
Gov & Politics: Comparatve	3	3	PSC 260
History, European	3	6	HIS 222 & HIS elective
History, U.S.	3	6	HIS 211, 212
History, World	3	6	HIS electives
Latin—Vergil	3	3	LAT 203, after completion of LAT 204 with C- or better
Latin—Vergil	4	3	LAT 204, after completion of advanced level LAT course with C- or better
Latin Literature	3	3	LAT 203, after completion of LAT 204 with C- or better
Latin Literature	4	3	LAT 204, after completion of advanced level LAT course with C- or better
Mathematics—Calculus AB	3	3	MAT 191
Mathematics—Calculus AB	4	6	MAT 191, 292
Mathematics—Calculus BC	3	6	MAT 191, 292
Music—Aural	4	1	MUS 105
Music—Aural	5	2	MUS 105, MUS 106
Music—Nonaural	4	2	MUS 101
Music—Nonaural	5	4	MUS 101, MUS 102
Physics B	4	8	PHY 211, 212
Physics C	4	8	PHY 291, 292
Psychology	3	3	PSY 121
Spanish Language	4	6	SPA 203, 204
Spanish Language	3	3	SPA 203
Spanish Literature	4	6	SPA 351, SPA elective
Spanish Literature	3	-	Exemption, no credit
Statistics	3	3	STA 108
Statistics	5	3	STA 271
Studio Art: Gen Portfolio	3	2	ART elective
Studio Art: Drawing	3	2	ART elective

**Examination papers will be read by the department to determine exemption.*

International Baccalaureate (IB) Program

Listed below is the credit associated with scores on the International Baccalaureate Higher Level Examinations. The University Registrar at UNCG receives the IB scores and assigns the appropriate credit hours. Students should request that their test scores be sent to UNCG. Students will be notified in writing of the credit they receive. You may also visit the IB Web site at www.ibo.org or call 212/889-9242. Scores must be requested in written form by contacting International Baccalaureate of North America, 200 Madison Avenue, New York, NY 20016.

INTERNATIONAL BACCALAUREATE IB EXAMS

Exam	Min Score	Hours Awarded	Courses
IB Biology—Higher level	5	8	BIO 111 & 112
IB Chemistry—Higher level	5	8	CHE 111/112 and CHE 114/115
IB English A1	4, 5	6	ENG 101 & 104
IB English A1	6, 7	9*	ENG 101 & 104*
IB French A1—Higher level	5	6	FRE 203 & 204
IB French A1—Higher level	6, 7	6	FRE 204 & 301
IB French A1—Subsidiary level	6	6	FRE 203 & 204
IB French A1—Subsidiary level	7	6	FRE 204 & 301
IB French B—Higher level	5	6	FRE 203 & 204
IB French B—Higher level	6, 7	6	FRE 204 & 301
IB French B—Subsidiary level	6	6	FRE 203 & 204
IB French B—Subsidiary level	7	6	FRE 204 & 301
IB German A1	5	9	GER 203 & 204 & GER 301
IB German B	5	6	GER 203 & 204
IB History	5	6	HIS 217, 218
IB Japanese AB—Subsidiary Level	6, 7	6	JNS 203 & 204
IB Mathematics	5		Contact Mathematical Sciences Dept
IB Physics	5	8	PHY 211, 212
IB Social Anthropology	5	6	ATY 213 & elective ATY credit
IB Psychology	4	3	PSY 121
IB Spanish A1—Higher level	5	6	SPA 203 & 204
IB Spanish A1—Higher level	6, 7	6	SPA 204 & 301
IB Spanish A1—Subsidiary level	6	6	SPA 203 & 204
IB Spanish A1—Subsidiary level	7	6	SPA 204 & 301
IB Spanish B—Higher level	5	6	SPA 203 & 204
IB Spanish B—Higher level	6, 7	6	SPA 204 & 301
IB Spanish B—Subsidiary level	6	6	SPA 203 & 204
IB Spanish B—Subsidiary level	7	6	SPA 204 & 301

**Contact Director of Undergraduate Studies in English for one more English course at the 200 level to be awarded in consultation with the department.*

College Board SAT: Subject Tests

Those who have strong academic preparation are encouraged to take one or more of the exams listed below. Examination dates are available in secondary school counseling centers or by writing to College Board SAT Program, Princeton, NJ 08541, phone number 609/771-7600. You may also visit the ETS Web site at www.ets.org.

COLLEGE BOARD SAT: SUBJECT TESTS

Exam	Original Score*	Recentered Score	Hours Granted	Courses
American History	700–800	750–800	6	HIS 211, 212,
American History	650–699	700–749	6	after completion of 6 hours of history at 200 or 300 level with at least a 2.0 avg
English Composition	700–800	n/a	3	ENG 101
English Composition	650–699	n/a	-	Exemption from ENG 101
English Literature	700–800	750–800	3	ENG 212
English Literature	650–699	700–749	-	Exemption from ENG 212
European History	700–800	n/a	6	WCV 101,102
Foreign Language	550–800	570–800	3	Foreign Language 204 Intermediate level met.
World History	n/a	750–800	6	WCV 101,102
Writing	n/a	760–800	3	ENG 101
Writing	n/a	710–759	-	Exemption from ENG 101

**For tests taken before March, 1995.*

College Level Examination Program (Subject Examinations Only)

The College Board offers these examinations at permanent test centers throughout the United States. Test center information can be obtained from secondary school counselors or by writing to C.L.E.P., Box 6600, Princeton, NJ 08541. The test is designed for persons who have done college-level work outside college and can successfully demonstrate what they know. You may also visit the ETS Web site at www.ets.org. Also see the College Board Web site at www.collegeboard.com/clep as well as the UNCG Counseling and Testing Web site at http://studenthealth.uncg.edu/ctc.

COLLEGE LEVEL EXAMINATION PROGRAM (SUBJECT EXAMS ONLY)

Exam	Minimum Score	Hours Granted	Courses
Accounting	50	6	ACC 201, 202
American Literature	50	6	ENG 251, 252
Analyzing & Interpreting Literature	50	6	ENG 105, 106
Biology	50	8	BIO 111, 112
Information Systems & Computer Applic.	57	3	CSC 101
College Mathematics	50	3	MAT 112
College Algebra	55	3	MAT 150
Trigonometry	61	3	MAT 151
College Algebra/Trig	58	3	MAT 151
Calculus	50	6	MAT 191, 292
Chemistry	50	6	CHE 111, 114
Principles of Macroeconomics	50	3	ECO 202
Principles of Microeconomics	50	3	ECO 201
College Composition	50	3	ENG 101
English Literature	50	6	ENG 211, 212
Foreign Language	50	6	Foreign Language 203, 204
Psychology, Introductory	52	3	PSY 121
Sociology, Introductory	50	3	SOC 101

Credit for Military Training

Elective credit for military training may be awarded where UNCG has comparable courses and upon receipt of an official American Council of Education transcript.

Greater Greensboro Consortium

A student attending a college or university in the Greater Greensboro Consortium (Bennett College, Elon University, Greensboro College, Guilford College, High Point University, Guilford Technical Community College, and North Carolina Agricultural and Technical State University) is not classified as a visiting student at UNCG and does not go through the admissions process for the fall or spring semesters. Students wishing to register for regular—or main campus—courses at UNCG through the Consortium should contact the registrar of their home institutions. For Summer Session, the Consortium is in effect only with North Carolina Agricultural and Technical State University.

UNCG students wishing to take courses at one of the Consortium institutions should request a Consortium form from the University Registrar's Office, 180 Mossman Building, 336/334-5646.

Bennett College, Elon University, Greensboro College, Guilford College, High Point University, and Guilford Technical Community College students interested in taking courses in the UNCG Summer Sessions should request a *Summer Session Bulletin* from the Division of Continual Learning (336/334-5414) and submit the application form found in that publication.

Auditors

Auditing a course is the privilege of being present in the classroom when space is available. No credit is involved, no examinations are required, and no grades are reported. Attendance, preparation, and participation in classroom discussion and activities are at the discretion of the department and the instructor. Registration for audited courses begins the first day of classes for a given semester and ends on the last day of late registration.

Auditors Requiring a Record of Enrollment

Current UNCG Students

A currently enrolled UNCG student may audit a course upon the written approval of the instructor and must register officially for the course. A full-time UNCG student may audit one course per semester without an additional fee. A part-time UNCG student may audit no more than two courses per semester and is charged a $15.00 fee for each audited course.

Persons Not Enrolled at UNCG

Persons not currently enrolled at UNCG who require a record of enrollment in a course as an auditor must follow regular admission procedures through the University Registrar's Office or The Graduate School. A fee equal to in-state or out-of-state tuition rates is charged for each course audited (see table in chapter 3).

Registration for audited courses begins the first day of classes for any given semester and ends on the last day of late registration. Fees are payable in full at the time of enrollment.

Continual Learning Visiting Auditors (Persons Not Requiring a Record of Enrollment)

A person not currently enrolled at UNCG who desires to audit a course and who does not require a record of enrollment should secure a Visiting Auditor form from the Division of Continual Learning, 1100 W. Market Street, 336/334-5414 or 1-866-334-CALL. Only Visiting Auditors should apply through the Division of Continual Learning; all others must follow regular admission and registration procedures (see previous information).

A Visiting Auditor may audit courses for a fee of $50 for each course (no record of enrollment is provided and no computer access is available).

Only courses approved by academic departments are open to auditors. To audit a 600- or 700-level course, a visiting auditor must hold a bachelor's degree. Visiting auditors are permitted in lecture courses when space is available with the written approval of the department head or the instructor teaching the course. Persons may register as visiting auditors beginning the first day of classes for any given semester.

Summer Session

Currently enrolled UNCG students who are continuing their studies at UNCG should register for summer courses in April, at the same time they register for fall classes.

New or visiting students planning to attend Summer Session at UNCG must complete the Summer Student Information Form. Summer Session courses and the information form may be obtained in mid-March by accessing the Summer Session Web page at http://summersession.uncg.edu, or by contacting the Division of Continual Learning, UNCG, 1100 W. Market St., Greensboro NC 27402, phone 336/256-CALL (outside Greensboro 1-866-334-CALL).

Permission to register for Summer Session does not constitute admission to the University nor any of its programs for fall or spring semesters.

Division of Continual Learning

The Division of Continual Learning offers credit and non-credit programs that extend its academic resources to meet professional and personal learning needs of individuals.

These programs may be offered on campus, off campus, or online, and include regular University credit courses, short courses, workshops, institutes, conferences and teleconferences, and study abroad. Persons need not be admitted to UNCG in order to register for these courses but must meet course prerequisites. Students wishing to include this work in their degree programs should consult their advisors.

Registration for these courses is handled by the Division of Continual Learning, 1100 W. Market Street. For information access the DCL Web page at www.calldcl.com or call 336/256-CALL (outside Greensboro 1-866-334-CALL).

Senior Citizens

Residents of North Carolina age 65 or older who meet applicable admission requirements may enroll tuition-free on a space available basis. The availability of course space is determined by the University Registrar at the close of registration for any given semester.

Veterans

Veterans enrollment certification is handled by the University Registrar's Office, 180 Mossman Building, 336/334-5946, vabenefits@uncg.edu.

UNCG is on the list of approved institutions that can provide training under the Department of Veterans Affairs Educational Training Program. A veteran wishing to receive educational benefits should apply first to Veterans Affairs for a Certificate of Eligibility. The student then applies for admission to UNCG through normal admissions procedures. The issuing of a Certificate of Eligibility by the VA does not automatically assure a student of admission to UNCG.

When enrolling at UNCG, the veteran should present a Certificate of Eligibility to the University Registrar requesting that certification of enrollment be sent to the VA. This Certification of Enrollment is necessary before educational benefits can be received. Certification of Enrollment must be requested for each academic year and again for summer session.

Reserve Officers' Training Corps (ROTC)

The United States Air Force and Army Reserve Officers' Training Corps programs are available to UNCG students at North Carolina A & T State University (in Greensboro). As a member of the Greater Greensboro Consortium, UNCG offers students these opportunities for leadership training and a commission in the Army or Air Force through cross-registration.

The University will grant credit for certain ROTC courses taken at A & T State University as part of the Consortium arrangement. UNCG students will be awarded elective credit and quality points for junior and senior level ROTC courses completed at North Carolina A & T State University through the Consortium.

Elective credit shall not exceed 12 semester hours for Army ROTC and Air Force ROTC.

Accelerated Master's Programs for Undergraduates

UNCG offers undergraduates with demonstrated academic ability a fast track to a graduate degree. Talented students can earn a bachelor's and master's degree in approximately five years instead of the usual six or seven.

Although formal admission to an accelerated program is usually in the junior year, careful selection of undergraduate courses beginning in the freshman year is essential. Interested students should speak with an advisor in the department of their undergraduate major as early as possible.

The program represents two distinct patterns. The first allows students to continue with graduate work in the same discipline as the undergraduate major. The second pattern enables students to complement the undergraduate major with graduate study in another area. See **Accelerated Master's Programs** in chapter 7 for specific program requirements.

Graduate Students

Students interested in working toward a graduate degree or students who hold a bachelor's degree and wish to continue their general education should consult *The Graduate School Bulletin* or contact The Graduate School Office, 241 Mossman Building, 336/334-5596, for admission information. *The Graduate School Bulletin* can be obtained from The Graduate School office and is also available on The Graduate School's Web site at www.uncg.edu/grs.

3. Expenses, Payments, Refunds, & Financial Aid

Tuition and Fees

Estimated tuition and fee rates per semester hour for 2007–08 are printed on the next page. Questions regarding tuition and fees should be directed to the Cashiers and Student Accounts Office (336/334-5831). UNCG reserves the right to make changes in these charges without advance notice.

UNCG Estimated Annual Expenses[1] for Full-Time[2] Undergrads Living on Campus

Tuition and Fees Per Year (2007–08 rates)	
Tuition	
In-State Students	2,458.00
Out-of-State Students	13,726.00
Athletic Fee	413.00
Student Facilities Fee	272.00
Student Activities Fee	349.00
Education & Technology Fee	268.00
Health Service Fee	218.00
Student Government Association Fee	1.00
Administrative Computing Fee	50.00
Room Rates[3] Per Year (2007–08 rates)	
Double Non Air Conditioned	3,198.00
Single Non Air Conditioned	6,396.00
Double Air Conditioned	3,427.00
Single Tower Village Suites	4,937.00
Single Spring Garden Apartments	5,145.00
Dining Plans[3] Per Year (2007–08 rates)	
Platinum 75 Plan	2,524.00
Platinum 150 Plan	2,624.00
Platinum 200 Plan	2,724.00
Gold 200 Plan	2,324.00
Gold 300 Plan	2,324.00
Silver 400 Plan	2,324.00
Silver 500 Plan	2,324.00
Bronze 725 Plan	1,650.00
Bronze 825 Plan	1,650.00
Bronze 1000 Plan	2,000.00
Commuter 300 Plan	600.00
Commuter 450 Plan	900.00
Commuter 600 Plan	1,200.00
Annual estimated total cost for most In-State students living on campus	**$9,658.00[4]**
Annual estimated total cost for most Out-of-State students living on campus	**$20,926.00[4]**

[1]*See the following pages for other estimated expenses such as supplies and books.*

[2]*A full-time undergraduate is one who is enrolled for at least 12 semester hours per term.*

[3]*See details of applicable residence hall rates and dining plans on the following pages.*

[4]***Estimated total annual costs** are based on the standard double room rate and Platinum 75 dining plan.*

Note: Students living on campus are **required** to contract with UNCG for room and board. Students living off campus pay only tuition and required fees.

The tuition and academic fees paid by UNCG students only partially cover the cost of the education they receive. The remaining costs are met by funds from the State of North Carolina, from the UNCG Excellence Fund, and from alumni, friends, corporations, foundations, and the federal government. Undergraduate tuition and fees per semester and per credit hour for the 2007–08 academic year are indicated in the tables on the next page.

Tuition & Fees for Part-Time Students

For tuition and fee purposes, a part-time undergraduate student is defined as one taking fewer than 12 semester hours of course work each term. Students taking 12 or more hours per term pay the tuition and fees specified for full-time students.

Undergraduate students taking fewer than 12 hours during a regular term will be charged a prorated portion of the tuition and the general fee. The health service fee is charged to students taking 9 or more hours who live off campus; however, students taking fewer than 9 hours who live off campus may voluntarily choose to pay the fee and enjoy the benefits of the Student Health Services. All on-campus students pay the health service fee. See rate table on following page for details.

Residence Status for Tuition Purposes

The tuition charge for persons who qualify as residents for tuition purposes is substantially less than that for nonresidents. An explanation of the North Carolina law (General Statute §116–143.1) governing residence classification for tuition purposes is set forth in **Appendix A**. A more complete explanation of the statute and the procedures under the statute is contained in *A Manual to Assist the Public Higher Education Institutions of North Carolina in the Matter of Student Residence Classification for Tuition Purposes*. The Manual is the controlling administrative statement of policy on this subject. Copies of the *Manual* are available for inspection in the Office of the Provost, in the Jackson Library, and online at www.uncg.edu/pvt/residency/pdf/residency_manual.pdf.

Undergraduate Tuition and Fee Rates for 2007–08

These rates are subject to approval and/or modification by the North Carolina General Assembly. The UNC Board of Governors and UNCG reserve the right to make changes in these charges without advance notice.

Tuition & Fees Per Semester for Undergraduates

Credit Hours	Athletic Fee	Student Facilities	Student Activities	E&T[1] Fee	Health Services	SGA[2] Fee	AC[3] Fee	Total Student Fee	In-State Tuition	Out-of-State Tuition	Total In-State	Total Out-of-State
0	17.21	11.33	14.54	11.17		0.04	2.08	56.37	307.25	1,715.75	363.62	1,772.12
1	17.21	11.33	14.54	11.17		0.04	2.08	56.37	307.25	1,715.75	363.62	1,772.12
2	34.42	22.67	29.08	22.33		0.08	4.17	112.75	307.25	1,715.75	420.00	1,828.50
3	51.63	34.00	43.63	33.50		0.13	6.25	169.14	307.25	1,715.75	476.39	1,884.89
4	68.83	45.33	58.17	44.67		0.17	8.33	225.50	307.25	1,715.75	532.75	1,941.25
5	86.04	56.67	72.71	55.83		0.21	10.42	281.88	307.25	1,715.75	589.13	1,997.63
6	103.25	68.00	87.25	67.00		0.25	12.50	338.25	614.50	3,431.50	952.75	3,769.75
7	120.46	79.33	101.79	78.17		0.29	14.58	394.62	614.50	3,431.50	1,009.12	3,826.12
8	137.67	90.67	116.33	89.33		0.33	16.67	451.00	614.50	3,431.50	1,065.50	3,882.50
9	154.88	102.00	130.88	100.50	81.75	0.38	18.75	589.14	921.75	5,147.25	1,510.89	5,736.39
10	172.08	113.33	145.42	111.67	81.75	0.42	20.83	645.50	921.75	5,147.25	1,567.25	5,792.75
11	189.29	124.67	159.96	122.83	81.75	0.46	22.92	701.88	921.75	5,147.25	1,623.63	5,849.13
12+	206.50	136.00	174.50	134.00	109.00	0.50	25.00	785.50	1,229.00	6,863.00	2,014.50	7,648.50

[1]*Education and Technology* [2]*Student Government Association* [3]*Administrative Computing*

Distance Learning Charges for Undergraduates

In-State Tuition*	$ 83.04
Out-of-State Tuition*	$463.72
Technology Fee	$ 9.05
Administrative Computing Fee	$ 1.69
Student Government Association Fee*	$ 0.03
Registration Fee	$ 6.00

Registration Fees Per Semester

Registration Fee	$ 6.00
Pre Registration Late Fee	$ 30.00
Registration Late Fee	$ 45.00

Special One Time Fees

Orientation

Undergraduate Freshmen—August	$107.00
Undergraduate Freshmen—January	$ 48.00
Undergraduate Transfer	$ 48.00
Undergraduate Adult	$ 48.00

Graduation

Baccalaureate Degree	$ 50.00
Master's Degree	$ 55.00
Doctoral Degree	$ 60.00
Combined M.S./Ed.S. Degree	$ 70.00

**Per credit hour*

Meal Plans Per Semester

Platinum 75 (unlimited trips to CAF + $75 declining balance)	$1,262.00
Platinum 150 (unlimited trips to CAF + $150 declining balance)	$1,312.00
Platinum 200 (unlimited trips to CAF + $200 declining balance)	$1,362.00
Gold 200 (200 trips to CAF + $200 declining balance)	$1,162.00
Gold 300 (175 trips to CAF + $300 declining balance)	$1,162.00
Silver 400 (150 trips to CAF + $400 declining balance)	$1,162.00
Silver 500 (125 trips to CAF + $500 declining balance)	$1,162.00
Bronze 725 (25 trips to CAF + $725 declining balance)	$825.00
Bronze 825 ($825 all declining balance)	$825.00
Bronze 1000 ($1,000 all declining balance)	$1,000.00
Commuter 300 ($300 declining balance)	$300.00
Commuter 450 ($450 declining balance)	$450.00
Commuter 600 ($600 declining balance)	$600.00
Summer 325 ($325 declining balance)	$325.00
Summer 400 ($400 declining balance)	$400.00

Initial Classification

Every applicant for admission is required to state in writing the length of his or her legal residence in North Carolina. Every applicant is classified as a resident or nonresident for tuition purposes prior to actual matriculation, the admitting office making the initial classification. Those not claiming to be residents for tuition purposes are, of course, classified as out-of-state students (nonresidents) for tuition purposes. If insufficient information supports an applicant's claim to be a resident for tuition purposes, the admitting office will initially classify that applicant as a nonresident.

Subsequent Classification

A residency classification once assigned (and confirmed pursuant to any appeal properly taken) may be changed thereafter (with corresponding change in billing rates) only at intervals corresponding with the established primary divisions of the academic year.

A student who, due to subsequent events, becomes eligible for a change in classification, whether from out-of-state to in-state or the reverse, has the responsibility of applying for a reclassification in the Office of the Provost.

Appeals

A student may appeal a residence classification assigned by the admitting office by submitting to the Office of the Provost a completed "Residence-and-Tuition Status Application." **The completed application must be submitted before the end of the academic term for which the student wishes to be considered for reclassification.** Application forms may be obtained from the Office of the Provost, 201 Mossman, from any admitting office, or at www.uncg.edu/pvt/residency.

It is the responsibility of the student to pay tuition at the rate charged and billed while an appeal is pending. In effect, the student who is classified as a nonresident at the time of registration pays the nonresident rate. Conversely, if a student is classified as a resident at the time of billing, he or she pays the resident rate. Any necessary adjustments in the rate paid will be made at the conclusion of the appeal.

Students or prospective students who believe that they are entitled to be classified as residents for tuition purposes should be aware that the process of requests and appeals can take a considerable amount of time and that applications for classification should not be delayed until registration. Students who wish to receive a timely review of their residence status should submit their completed "Residence-and-Tuition Status Application" approximately 30–45 days in advance of the term for which they are seeking a review of their residence status. Applications are reviewed in the order in which they are received; failure to submit an application in a timely manner may delay the review process.

The Office of the Provost's determination of residence classification may be appealed to the Campus Residence Appeals Committee, and decisions of the Campus Residence Appeals Committee may be appealed to the State Residence Committee. A written statement of the appeals procedure is provided to every applicant or student receiving an adverse decision from the Office of the Provost.

25% Tuition Surcharge for Undergraduates

The General Assembly has instituted a twenty-five percent (25%) tuition surcharge (Section 89 (b), Senate Bill 27, 1993 Session), which became effective fall semester 1994 and applies to all new undergraduates seeking a baccalaureate degree. Specifically, it states,

> "The Board of Governors of The University of North Carolina shall ensure that procedures are established that are necessary to impose a twenty-five percent (25%) tuition surcharge on students who take more than 140 degree credit hours to complete a baccalaureate degree in a four-year program or more than one hundred ten percent (110%) of the credit hours necessary to complete a baccalaureate degree in any program officially designated by the Board of Governors as a five-year program. The calculation of these credit hours taken at a constituent institution or accepted for transfer shall exclude hours earned through the College Board's Advanced Placement or CLEP examinations, through institutional advanced placement or course validation, or through summer term or extension programs."

Students Subject to the Surcharge

The tuition surcharge will be applied to new undergraduate students enrolled for the first time in fall 1994 and thereafter in a degree program at UNCG as follows:

(1) For students earning a first baccalaureate degree in a program that requires no more than 128 credit hours, the surcharge shall be applied to all hours in excess of 140.

(2) For students earning a first baccalaureate degree in a UNC Board of Governors Board-approved program that requires more than 128 credit (semester) hours, the surcharge shall be applied to all hours that exceed 110 percent of the credit hours required for the degree. Such programs include those that have been officially designated by the Board of Governors as five-year programs as well as those involving double majors, or combined bachelor's/master's degrees.

(3) For students earning a baccalaureate degree other than their first, the surcharge shall be applied to all hours that exceed 110 percent of the *minimum* additional credit hours needed to earn the additional baccalaureate degree. The minimum additional credit hours will be determined by the degree evaluation performed by the Office of the University Registrar during the first semester a student is enrolled in the second or other baccalaureate degree.

Students seeking a second baccalaureate degree are required to take 31 credit hours of residency at UNCG.

The surcharge will be imposed in the fall or spring semester and in all subsequent semesters where a student's cumulative credit hour total exceeds the threshold. **The surcharge does not apply to required fees.**

Hours INCLUDED in Tuition Surcharge Hours:

The undergraduate credit (semester) hours to be counted in the calculation of the tuition surcharge include:

(1) all semester (fall and spring semester) academic credit hours attempted (includes repeated course work, failed course work, and course withdrawals); and

(2) all transfer credit hours accepted by UNCG.

Hours EXCLUDED from Tuition Surcharge Hours:

(1) College Board's Advanced Placement (AP) credit;

(2) College Level Examination Program (CLEP) or similar programs' credits;

(3) credit earned through any UNCG advanced placement, course validation or similar procedure;

(4) credit earned in summer sessions at UNCG or another UNC institution;

(5) credit earned from an extension division of any UNC institution, including UNCG.

Students will be informed of the Tuition Surcharge Hours earned each semester and cumulatively in their tuition billing.

Students may contact the Office of the University Registrar to obtain current information on their credit/semester hours.

Housing Plans

All UNCG students have the option of living on or off campus. Approximately 4,200 students live in 24 residence halls on campus. UNCG houses students without regard to race, creed, color, sexual orientation, gender, age, religion, military veteran status, political affiliation, or national origin. Students may request residence halls or roommates by name, and whenever possible, such requests will be honored.

To request a space, students must log in to the UNCG Housing & Residence Life Web site at http://hrl.uncg.edu. Descriptions of the halls and directions for applying for housing are available beginning January 15 for fall semester and October 15 for spring semester.

Current housing costs are outlined in the following table. Also see additional housing information in chapter 8.

Annual Housing Rates (2007–08 rates)

The following rates include telephone, Internet, and cable TV charges.

Standard Double	**$3,427.00 per year**
Tower Village Suites	**$4,937.00 per year**
Spring Garden Apartments	**$5,145.00 per year**

Meal Plans

All students who live on campus are required to purchase a meal plan for use in the UNCG dining locations. Please visit http://uncg.campusdish.com for the latest information on meal plans.

All meal plans are purchased per semester. Changes to meal plans may be made up until seven days after the first day of classes.

Unused declining balance transfers from the fall to the spring semester. At the end of the spring semester, any remaining meals or unused declining balance are nonrefundable and cannot be transferred to the next academic year. See chapter 8 for complete details about available UNCG Dining Services.

Miscellaneous Fees and Expenses

Athletic, Activity, and Facilities Fees

Payment of these fees gives students access to athletic events, campus organizations, Elliott University Center (student union), and many other student programs.

Auditing Fees

Current UNCG Students. A registered full-time UNCG student may audit one course per term without charge. A registered part-time UNCG student may audit no more than two courses per term and is charged a fee of $15.00 per course.

Division of Continual Learning Visiting Auditors. Visiting auditors are classified as non-UNCG students who wish to take a course without receiving a record of enrollment. Such individuals must apply to register through the Division of Continual Learning. A Visiting auditor will not receive a record of enrollment and is charged a $50.00 fee per course.

Registered auditors (persons not officially enrolled at UNCG) who do require a record of enrollment as an auditor should follow regular admission, registration, and payment procedures. A fee equal to in-state or out-of-state tuition rates is charged for each course audited.

Fees are payable in full at the time of enrollment. See **Admissions** for details about auditing courses.

Books and Course Supplies

Costs generally run $250–$500 per semester for textbooks and related supplies for full-time students. These are to be paid for as purchased, either from the UNCG Bookstore or elsewhere. A few courses may require significantly higher expenditures for supplies or special fees and are so noted in the semester *Schedule of Courses*.

Furnishings (Traditional Residence Hall)

All residence hall rooms are furnished with beds, dressers, and desks. All have community bathrooms by floor or wing. All have local telephone and automated voice-mail service. Students furnish their own pillows, pillow cases, sheets, blankets, bedspreads, towels, and room accessories such as telephones, study lamps, draperies, rugs, recycling bins, and wastebaskets.

Graduation Application Fee

The graduation fee, currently $50 for the baccalaureate degree, covers the cost of the diploma and other costs associated with the Commencement ceremony and is charged to all degree candidates. It is payable in the Cashiers and Student Accounts Office 30 days prior to graduation. **The fee is nonrefundable.** Effective spring 2005, degree candidates purchase or rent regalia from the University Bookstore.

Identification Cards (UNCG FirstCard)

A permanent UNCG FirstCard will be issued to each student upon completion of registration for their first semester at UNCG. A $15.00 replacement fee is charged for lost, stolen, or damaged IDs.

Internet/Cable Connections

All residence hall rooms are wired for direct Ethernet connection to the Internet, with one port per student. All residence hall rooms have a cable TV connection and Time Warner Cable Service with 78 channels.

Laundry & Dry Cleaning

FirstCard-ready washing machines and dryers are located in each residence hall. Students may apply money to their UNCG FirstCard for laundry and vending expenses.

Parking Permits

Parking permits are required for all student-operated motor vehicles that park on the UNCG campus. See **The University Community** for details on parking regulations.

Telephone Service

All rooms include free campus and local telephone service with individual voice mailboxes. Standard double rooms have one shared phone line per room with one jack. Tower Village Suites and the new Spring Garden Apartments have individual phone lines. Students are responsible for providing an analog telephone set. See www.uncg.edu/tsv for local calling area information. Prepaid personal calling cards or personal cell phones are required for long distance.

Transcript Fee

A fee (currently $5 per copy) is charged for release of an official UNCG academic transcript.

Uniforms, Special Equipment, and Liability Insurance

Students are expected to use outfits appropriate to the physical education activities taken. Gym clothing, leotards, and other appropriate outfits are available from the University Book Store.

Nursing majors are required to purchase uniforms and liability insurance. See **School of Nursing** in chapter 7 for complete details.

Some majors in Exercise and Sport Science are also required to purchase liability insurance. See **Department of Exercise and Sport Science** in chapter 7 for details.

Many laboratory courses require safety goggles and special protective clothing. Smocks or coveralls are often required in art classes. Unless the student has advance information, it is preferable to purchase these items after arrival.

Payment of Tuition and Fees and Payment Plans

Payment of Bills

The annual expenses table provides estimated costs on a nine-month academic year basis for full-time students. To estimate the amount due each term, divide the total expense figure by two. This is the approximate amount that will be billed to the student by the University during registration each term. If financial aid has been awarded to a student, the amount will be reflected on the bill (see information below).

Continuing students who register during the current term for the next term receive bills for tuition and fees as follows:

Fall semester bills are mailed in July to students' permanent mailing addresses, with total payment due in late July or early August.

Spring semester bills are mailed in mid-November to students' permanent mailing addresses, with total payment due in early December.

Bills are not mailed to new students who register in August/January. Students should print bills along with their class schedules when they register, and are expected to pay upon registration.

Payment Deadlines

Payment of bills for the fall and spring semesters should be made in the Cashiers and Student Accounts Office, 151 Mossman Building, by the deadline dates set by the University Registrar and published in the *Schedule of Courses* booklets and online at www.uncg.edu/reg. The deadline dates are also set forth in the instructions mailed to students with their bills. **Payments not received by these dates will result in the cancellation of registration.** Payment by mail or via the Web is encouraged. Students should contact the Cashiers and Student Accounts Office (336/334-5831) with any questions about tuition and fees or the payment process.

ID Validation

FirstCard IDs are validated electronically upon payment of tuition and fees.

Banking Information

Wachovia Bank ATMs are located in the Bryan School of Business and Economics, Elliott University Center, and the main dining hall. There is also a State Employees' Credit Union CashPoints ATM in the Elliott University Center and a Bank of America ATM in the main dining hall. Students are encouraged to establish checking accounts at one of the banks in Greensboro. Wachovia Bank offers students registered with the University free checking with no minimum balance. Student identification cards will enable students to cash checks for up to $50 at the Cashiers and Student Accounts Office for a fee of 50¢ per check. Checks that are returned for nonpayment will be charged a $25.00 returned check fee for each returned check. This fee will be assessed to either the maker of the check or last endorser (whoever last negotiated the check). UNCG has the authority to cancel semester registrations for nonpayments resulting from returned checks.

The Cashiers and Student Accounts Office is open between 8:00 A.M. and 5:00 P.M., Monday through Friday, and is located in 151 Mossman Building (336/334-5831).

Student Credit Policy

Tuition and fees for all University students are due and payable before or on registration day in the Cashiers and Student Accounts Office. North Carolina law requires the University to charge and collect from each student at the beginning of each academic session tuition, fees, and an amount sufficient to pay all other direct expenses such as room and board incurred for the term. Payments may be made by cash, money order, check, or VISA or MasterCard credit cards. Cash should not be sent through the mail.

As an exception to the above policy, students may be granted deferments (credit) only if they meet one of the following criteria:

(1) Students who receive awards through the UNCG Financial Aid Office from one or more of the following programs must pay the amount of their bill less the amount awarded for deferrable financial aid. Any liability resulting from a reduction of financial aid becomes the student's responsibility payable upon notification of the adjustment of the award. Financial aid awards for purposes of the credit policy are as follows: Pell Grants, Subsidized Stafford Student Loans, Institutional Loans, SEOG, Perkins Loan, Federal PLUS Loan, Federal Graduate PLUS Loan, Academic Competitiveness Grant, National SMART Grant, N.C. Veteran Scholarships, Vocational Rehabilitation, Disabled Veterans, Minority Presence Grants, University Scholarships, Fellowships, Assistantships, and Grants.

(2) Students wishing to utilize Veterans' benefits under the credit policy must demonstrate financial need in compliance with normal financial aid need standards. Final approval is contingent upon the student's demonstration of need and a good credit history with the University.

(3) Recipients of scholarships awarded by organizations outside the University in which direct payment is made to UNCG and notification is on file with the Financial Aid Office may qualify under the credit policy. Students should provide notification of such awards as soon as possible to the Financial Aid Office.

UNCG Refund Policy

PART I: Policy for Students Completely Withdrawing From UNCG

Official Notice of Intent to Completely Withdraw from The University of North Carolina at Greensboro

Students who find that they must withdraw from the University can do so by dropping all courses through *UNCGenie* via the Web site. Students who drop all courses are considered to be withdrawn from the University and must seek reactivation or readmission through either Undergraduate Admissions or The Graduate School to return to school in subsequent terms.

Students who wish to discuss the academic consequences of a change in enrollment status at the University may contact: undergraduates—Student Academic Services, 159 Mossman Building; graduate students—The Graduate School Office, 241 Mossman Building.

There will be a $25.00 non-refundable processing fee charged to all students who completely withdraw from the University.

Complete Withdrawal from UNCG for Students Activated for Military Duty including the Armed Services Reserve and the National Guard

If a student is involuntarily called for active duty during a currently enrolled semester, the following refund guidelines apply:

- The return of funds calculation will be completed under the normal terms and conditions as applicable.
- The student will be expected to provide correspondence supporting the call to active military duty.

Students who serve in the Armed Services Reserve or the National Guard are often alerted that they may be called to active duty for various reasons. If any student is voluntarily or involuntarily called for active duty during a term in which he or she is enrolled, the eligible student may elect one of the following options:

A. Complete Withdrawal Option (without academic penalty)

1. Tuition and general fees will be fully refundable.
2. Health fees generally will be fully refundable except for students who have used the University's health services. These students would be billed at the fee for service rate to a maximum charge equivalent to the health fee. Students who have enrolled in the Student Health Insurance program should contact the Agent for information on a pro-rated refund of premium.
3. Room and board will be refunded based on the number of weeks the room was occupied and the meals consumed.
4. The student will be responsible for any miscellaneous charges such as library fines, parking tickets, health service charges, etc.
5. In order to be eligible for a refund under these guidelines, the student must contact the University Registrar's Office and provide the following:
    a. a copy of his or her call-up papers; these "orders" will serve as documentation for the refund of tuition and fees.
    b. a mailing address to which the student would like the refund to be sent.

    The University Registrar's Office will notify appropriate offices of the student's withdrawal including Student Academic Services, The Graduate School, Financial Aid Office, Housing and Residence Life, and the Cashiers and Student Accounts Office.
6. In order for students living in University housing to receive a refund from the Department of Housing and Residence Life, they must return their room keys to the appropriate office.
7. If a student is receiving financial aid during the term in which he or she is called to active duty, financial aid must be repaid according to federal and state guidelines before a refund will be issued by the University.

B. Early Exam Option

Eligible students who are required to report for military duty not earlier than four calendar weeks prior to the date a semester ends as stated in the official bulletin of the University, or after completion of at least 75% of the enrollment period in a non-standard semester, may, when authorized by the instructor, take exams early and be given full credit for all courses for which they have an average of C or better. Students are ineligible for refunds for courses for which they receive credit.

C. Incomplete Grade Option

Students, when called to active duty, may opt to take an incomplete in a course and complete the course upon release from active duty. Course completion may be accomplished by independent study or by retaking the course without payment of tuition and fees; the student need not reregister for the course upon his or her return. Under federal financial aid policies, a course that is retaken this way may not be counted toward a student's enrollment load. Eligible students who receive an incomplete for any course for which they are enrolled shall not be entitled to any refund of tuition or fees paid.

D. Returning to the University

1. If a student is called for active duty and subsequently released in a manner that would allow them to re-enroll during the semester in which they withdrew, the University will make every effort to accommodate the request. Individual contacts with faculty involved will determine appropriateness of returning to a course.
2. Students who are called to active duty during a semester, and who withdraw from the University, are technically ineligible to participate in early registration for the term in which they wish to re-enroll; however, UNCG will make every effort to give these students special dispensation and to allow them to pre-register for that term.

Summer Session Withdrawal

Students who completely withdraw from their summer courses will be handled with the same refund policy that applies to the regular academic year.

Return of Federal Title IV Funds

The federally mandated Return of Funds Policy governs the return of Title IV funds disbursed to students who complete the official withdrawal process as defined by the University. The term refund should be understood to mean the repayment of money received by the University for tuition and fees or for a reduction of charges if tuition and fees have not yet been paid. Title IV funds include Federal Unsubsidized and Subsidized Stafford Loans, Federal Perkins Loans, Federal Graduate PLUS Loans, Federal PLUS Loans, Federal Pell Grants, Federal Supplemental Educational Opportunity Grants (SEOG), Academic Competitiveness Grant (ACG), National SMART Grant, and NCSIG.

Unearned Title IV funds must be returned to the Title IV programs. Unearned aid is the amount of disbursed Title IV aid that exceeds the amount of earned Title IV aid. During the first 60% of the enrollment period (semester or term), a student earns funds in direct proportion to the length of time he or she remains enrolled. The period of time during which a student is enrolled is the percentage of aid earned by the student. A student who remains enrolled beyond the 60% point earns all Title IV aid for the term.

The percentage of the period that a student remains enrolled is determined by dividing the number of days the student attended by the number of days in the term. Calendar days are used in the determination of percentages. Breaks of five (5) days or longer are excluded in the calculations. The percentage may be found by using the following formula:

$$100\% - \frac{\text{(number of days the student attended)}}{\text{number of days in the semester}}$$

Example of Total Withdrawal Refund Calculation[1]

Day	Refund	Day	Refund	Day	Refund	Day	Refund
1	100.00%	19	83.80%	37	68.40%	55	53.00%
2	98.30%	20	82.90%	38	67.50%	56	52.10%
3	97.40%	21	82.10%	39	66.70%	57	51.30%
4	96.60%	22	81.20%	40	65.80%	58	50.40%
5	95.70%	23	80.30%	41	65.00%	59	49.60%
6	94.90%	24	79.50%	42	64.10%	60	48.70%
7	94.00%	25	78.60%	43	63.20%	61	47.90%
8	93.20%	26	77.80%	44	62.40%	62	47.00%
9	92.30%	27	76.90%	45	61.50%	63	46.20%
10	91.50%	28	76.10%	46	60.70%	64	45.30%
11	90.60%	29	75.20%	47	59.80%	65	44.40%
12	89.70%	30	74.40%	48	59.00%	66	43.60%
13	88.90%	31	73.50%	49	58.10%	67	42.70%
14	88.00%	32	72.60%	50	57.30%	68	41.90%
15	87.20%	33	71.80%	51	56.40%	69	41.00%
16	86.30%	34	70.90%	52	55.60%	70	40.20%
17	85.50%	35	70.10%	53	54.70%	71–117	0%
18	84.60%	36	69.20%	54	53.80%		

[1] *Actual refund calculation percentages for a specific semester are available on the University's Web site.*

If the amount of the Title IV funds disbursed is greater than the amount of Title IV funds earned by a student, a return of Title IV funds is necessary. Both the University and the student are responsible for returning a percentage of the unearned aid.

The University will return federal funds to the appropriate federal program up to the total net amount disbursed from each source as required by law. The prescribed order of return is:

- Federal Unsubsidized Stafford Loan
- Federal Subsidized Stafford Loan
- Federal Perkins Loan
- Federal Graduate PLUS Loans
- Federal PLUS Loan
- Federal Pell Grant
- Academic Competitiveness Grant (ACG)
- National SMART Grant
- SEOG
- Other Title IV Programs

Return of Non-Federal Funds

UNCG will return Non-Federal funds received and applied to a student's account in the same manner as it is applied in the "Return of Federal Title IV Funds." However, any outstanding financial obligation to UNCG will be deducted from the amount of Non-Federal funds to be returned. Funds will be returned to the student unless they are requested by the source from which the funds were disbursed. When a student completes the withdrawal process, the Cashiers and Student Accounts Office will initiate a refund and mail it to the student's campus box or local mailing address.

If a student still has an outstanding financial obligation as a result of this process, the University will bill the student for payment.

PART II: Policy for Students Who Drop Course Hours

The refund policy applies to complete withdrawals from UNCG. If a student simply reduces his/her course load after the Late Registration and Schedule Adjustment period (refer to the University Academic Calendar for dates), NO refund or reduction of charges whatsoever will be credited to the student's account. However, if the drop in hours occurs before the end of the Late Registration and Schedule Adjustment period, the student is entitled to a full refund for the hours dropped. If the change results in the creation of a credit balance, a check will be generated and mailed to the student's campus box or local mailing address.

If students reduce the amounts of their credit hours during a summer session, they should then refer to **the last day for tuition refund for** a **drop in credit hours chart** listed in the Summer Session Calendar published in the *Summer Session Bulletin*.

Housing and Dining Plan Refunds

Room rent and board are NOT refundable. However, if a student qualifies for an exception as stated above, room rent and board are refundable except the pro rata part of the remaining charge based on the expired portion of the term. The housing contract is for one academic year. Students who cancel their contract at the end of the fall semester and remain enrolled at the University, will be charged for the spring semester rent and meal plan. Also see information in chapter 8.

Late Fee for Registration

Continuing students eligible to register during early registration for the following semester who choose not to do so, or who fail to confirm their registration with payment of tuition and fees will be charged a late fee. Waiver of the late fee will be considered only when it can be demonstrated that the University, through one of its offices or officials, was directly responsible for the failure of the student to complete registration.

University Refund Appeals Committee

The University Refund Appeals Committee considers appeals from any student who wishes to submit an appeal in writing. Cases are referred to the committee when a student feels that the University's refund policies do not address particular circumstances.

The refund appeals committee will not review appeals that are more than one year old. If the original appeal is denied, the student has the right to reappeal one time as long as they can provide new documentation with the reappeal. If the second appeal is denied and the student feels it deserves further consideration, the appeal will be referred to the Vice Chancellor for Business Affairs.

Questions pertaining to the refund appeals committee should be directed to the Cashiers and Student Accounts Office, 151 Mossman Building, 336/334-5831 or 877/286-8250. Appeal forms are available in the Cashiers and Student Accounts Office and on their Web site:

http://fsv.uncg.edu/cashiers/RefundComRequest.pdf

Financial Aid at UNCG

UNCG administers an extensive financial aid program which provides assistance to more than half the University's enrolled undergraduates. Available aid includes scholarships, grants, loans, and work-study. Eligibility for need-based programs is determined through an analysis of family financial information provided on the Free Application for Federal Student Aid [FAFSA] or the Renewal Free Application for Federal Student Aid [RFAFSA]. Students who file the FAFSA/RFAFSA by the priority filing date of March 1 are also considered for non-need-based aid programs. For information on programs, services, and application procedures, contact the Financial Aid Office at the following address:

UNCG Financial Aid Office
PO Box 26170
Greensboro, NC 27402-6170
Tel: 336/334-5702 *E-mail: finaid@uncg.edu
Web site: http://fia.dept.uncg.edu
Hours of operation: 8:00 A.M.–5:00 P.M.
Monday, Tuesday, Wednesday, and Friday
8:00 A.M.–4:00 P.M. Thursday
Please note: **Summer hours may vary**

The Financial Aid Office is located at 723 Kenilworth Street on the UNCG campus. Financial Aid information can be found on the Financial Aid Web site at http://fia.dept.uncg.edu.

Residents of North Carolina may contact the College Foundation of North Carolina, PO Box 41977, Raleigh, NC 27629-1966, phone—1-888-234-6400, or visit their Web site at www.cfnc.org for information about North Carolina aid programs.

Support for UNCG's financial aid program comes from federal and state governments, and from individuals, foundations, and corporations. Awards are granted and administered according to the provisions determined by the contributing agency or donor.

Renewal of a student's award from federal and state sources is contingent on continued support from government agencies and on the annual determination of the student's eligibility. Federal and state programs change frequently, so specific types of awards may not be available each year. Award amounts may vary year to year, based on available funds and changes in a student's financial need status.

You must keep your telephone number, mailing address, and e-mail address* current. Many circumstances arise which require that the Financial Aid Office contact you in an immediate fashion.

You must notify the Financial Aid Office in writing if you:

a) Choose not to accept all or a portion of your aid package.
b) Intend to withdraw from or cease enrollment at UNCG.
c) Receive any form of additional aid.

**E-mail* *is the primary means of communication from the Financial Aid Office to students. Students may update their e-mail addresses via* UNCGenie, *from the UNCG Web site at www.uncg.edu.*

UNCG Policy on Satisfactory Academic Progress for Financial Aid Purposes

All students receiving financial aid (scholarships, grants, loans, and/or work-study) are required to meet the standards of the UNCG Policy of Satisfactory Academic Progress for Financial Aid Purposes in order to maintain eligibility for funding. Further information concerning this policy is available through the Financial Aid Office or its Web site.

Conditions of Award Receipt

Most types of financial aid at UNCG are applied directly to the student's UNCG account. Any financial aid funds that exceed the current semester charges are mailed by the Cashiers and Student Accounts Office to the student's campus or local address in the form of a refund check. Some types of financial aid cannot be applied directly to the student's account and require that the student sign a check at the UNCG Cashiers and Student Accounts Office. Students who must sign a check are notified by mail by that office.

In order for funds to be disbursed to the student, whether by the automated process or by manual disbursement, students must have completed all requirements of the aid receipt process. These requirements include:

1) Receive award letter from the Financial Aid Office with all awards listed, and complete any requested paperwork.
2) Resolve any existing financial aid holds.
3) Be registered for the required credit hours on which your award was based.
4) Confirm your classes by paying the total amount due on your bill for the semester, or have aid in place to cover the amount of your bill.
5) Comply with University immunization requirements.

It is the student's responsibility to meet the above requirements and to assure that all documentation requested by the Financial Aid Office is received.

General Grants and Scholarships

The Financial Aid Office awards a limited number of general institutional grants and scholarships, ranging in value from $100 to $2,000 per year, to students (new and continuing) who have above-average academic records, meet specific award requirements as established by the donors, and/or have financial need. These awards may not be renewable. A listing of these awards and application requirements may be found on the Financial Aid Web site at http://fia.dept.uncg.edu. FAFSA/RFAFSA filers are automatically considered for need-based and non-need-based aid.

Departmental Grants and Scholarships

Some scholarships are restricted by academic major. Recipients of these scholarships are generally nominated or selected by academic departments or schools, or, in some cases, by designated committees, and are generally restricted to students in specific areas of study or special programs. For a listing of these scholarships, please visit the Financial Aid Web site at http://fia.dept.uncg.edu.

Outside Scholarships

Students are encouraged to inquire with their local high school counseling staff, chamber of commerce, and public library to find sources of scholarship assistance. Sources include civic organizations, professional organizations, employers, high schools, and religious organizations. Students may visit the UNCG Financial Aid Office to review its collection of outside scholarship announcements, which is updated and maintained on an ongoing basis as announcements are received. Students may also access free scholarship databases on the Web through links from the UNCG Financial Aid Web site.

Donors of outside scholarships should be instructed to send checks to the Financial Aid Office. Checks should include the name of the scholarship, the term(s) for which the award is made, and the student's complete legal name and UNCG student ID number. If the donor does not provide instructions otherwise, the amount of the scholarship check will be divided and applied to the student's account equally for the fall and spring semesters.

Merit Awards Program

The Merit Awards Program includes the most selective academic excellence awards made by UNCG. The winners are among the most outstanding students at UNCG, and their achievements enrich and enhance the University. More than forty renewable scholarships ranging from $2,500 to full tuition, fees, room, and board per year are offered annually to entering freshmen. Awards are renewable for up to four years of undergraduate study, dependent on maintaining academic standards set for the awards and satisfactory performance in an area of study for awards restricted by discipline.

A single application, available from the Financial Aid Office and due in early January, provides consideration for each of the following Merit Awards Program awards:

Merit Award Scholarships

Alumni Scholarship: The Alumni Association established these unrestricted annual awards to provide assistance to students of merit (approximately four are awarded per year).

Hazel Nixon Brown Scholarship: These awards are made to incoming freshmen who intend to major in Nursing. Preference is given to North Carolina students from Surry or Yadkin Counties.

Bank of America Scholarship: These awards give preference to students interested in business careers. Bank of America arranges a paid six-week internship after the junior year (approximately two awarded per year).

Board of Visitors Chancellor's Scholarships: These are unrestricted annual awards made available through gifts from the UNCG Board of Visitors.

Kathleen Price and Joseph M. Bryan Scholarship: Joseph M. Bryan established these funds in 1984 for undergraduate study in the Joseph M. Bryan School of Business and Economics. The awards include opportunities for paid summer internships after the junior year and a $1500 study abroad stipend.

Ethel Virginia Butler Centennial Scholarship: Awards are made from a bequest from alumna Ethel Virginia Butler, a former teacher and long-time manager of the University Bookstore (approximately ten awarded per year).

Class of 1942 Centennial Scholarship: Funds for this scholarship were established by members of the Class of 1942 in honor of the fiftieth anniversary of their commencement, and the University's centennial year (approximately one awarded every four years).

Class of 1944 Scholarship: Endowed by the Class of 1944 in 1994 to attract students with demonstrated leadership skills and academic excellence (approximately one awarded each year).

Class of 1945 Centennial Scholarship: Established in 1995 by the Class of 1945 to assist female students who have an interest in human relations, international studies, or women's studies (approximately one awarded per year).

Class of 1951 Merit Scholarship: Made available through gifts from the Class of 1951.

Class of 1970 Scholarship: Created by the Class of 1970 in celebration of their 25th Anniversary (approximately one awarded per year).

May Mebane Donoho Scholarship: An unrestricted award made possible through a gift from May M. Donoho, Class of 1930.

Carol Jean Eiserer Memorial Scholarship: The Eiserer Memorial Scholarship provides out-of-state tuition, fees, and a partial amount for on-campus room and board for a graduate of the Montgomery County Public Schools in Maryland who plans to major in Exercise and Sport Science (awarded once every four years).

The Marguerite Felton and Guita Marble Scholarship in Chemistry: This scholarship was established in 2000 in honor of two esteemed professors of Chemistry, Ms. Marguerite Felton and Dr. Guita Marble, for study in chemistry.

James S. and Frances C. Ferguson Scholarship: This award, made to an outstanding out-of-state student, was established in 1978 to honor Dr. and Mrs. James S. Ferguson.

Fiftieth Class Reunion Scholarship: Awards are made possible through on-going class gifts given by alumni on the occasion of the 50th anniversary of their graduation from the University (approximately two awarded per year).

The Marian White Fisher, M.D. Centennial Scholarship: Awards are made possible by a bequest of Freida White McGirt in memory of her daughter, Dr. Marion White Fisher, '39 (approximately two awarded per year).

The Jefferson-Pilot Scholarship: In 1961, the Jefferson-Pilot Life Corporation of Greensboro established this annual award (approximately one awarded per year).

Elizabeth Louisa "Libby" Jones Scholarship: This annual award is given to students majoring in one of the sciences (mathematics, computer science, chemistry, or physics).

Jaylee Montague Mead Merit Scholarship: This award is given to students majoring in any field within the College of Arts and Sciences.

Beverly C. Moore Scholarship: This unrestricted award, made possible by a gift from the Moore family, is awarded approximately every two years.

L. Richardson and Emily Preyer Scholarship: This unrestricted annual award was established in 1991 to aid an outstanding undergraduate student (approximately one awarded per year).

Katharine Smith Reynolds Scholarship: Awards are made possible by the Z. Smith Reynolds foundation of Winston-Salem for North Carolina residents. Reynolds Scholars receive two $1,250 stipends for community service involvement and an internship. They also receive a $2,500 stipend for study abroad. Approximately ten awards are made each year.

Harry B. and Edith V. Sloan Memorial Scholarship in Science, Mathematics, and Health: Endowed in 1997 for students interested in pursuing study in health, the sciences, or the mathematical sciences (approximately one awarded every four years).

Superintendents' Scholarship

Superintendents' Scholarships are awarded to incoming freshmen from high schools in the Piedmont Triad Education Consortium. They are awarded by the Financial Aid Office, are valued at $1,000, and are renewable for up to four years.

Deans' Scholars Program

The Deans' Scholars Program offers incoming freshmen four-year renewable scholarships ranging from $1,000 to $3,000 annually. This competitive program emphasizes academic rigor demonstrated by the completion of Advanced Placement (AP), honors, and college level courses while in high school. Interested students should complete a Merit Awards Application by the stated application deadline.

Community College Presidents' Scholarship

These two-year renewable scholarships are awarded to students transferring from local community colleges, based on the nomination of their community college president. For a complete listing of participating community colleges, contact the Financial Aid Office at your community college.

Other Grants and Scholarships

Federal and state funds are available for grant and scholarship awards to students with exceptional financial need. A grant or scholarship is gift assistance and does not require repayment. Students who complete the financial aid application procedures are considered for all grant funds for which they are eligible.

For a complete listing of grants and scholarships available at UNCG, visit our Web site at http://fia.dept.uncg.edu.

Federal Pell Grants

The Federal Pell Grant program assists undergraduate students in meeting postsecondary educational expenses. The program provides eligible students in need of financial assistance with federal funds to help pay for their first baccalaureate degree. Students who already hold a baccalaureate degree and are pursuing a second baccalaureate degree are not eligible for a Federal Pell Grant.

A Free Application for Federal Student Aid (FAFSA) or Renewal Free Application for Federal Student Aid (RFAFSA) must be filed to determine Federal Pell Grant and other need-based aid eligibility before an award can be made by UNCG. Ineligibility for a Federal Pell Grant may not affect eligibility for other types of aid at UNCG. A student must reapply each year for a Federal Pell Grant, and the amount of the grant may vary from year to year.

North Carolina Student Incentive Grants

A North Carolina resident full-time undergraduate student with exceptional financial need may be eligible for a state grant of $700. Students who wish to be considered for this grant must file the Free Application for Federal Student Aid (FAFSA) or Renewal FAFSA each year and give the U.S. Dept. of Education permission to send the financial information to the State. The deadline for applying is March 15, but application as soon after January 1 as possible is encouraged.

Incentive Scholarship and Grant Program for Native Americans

North Carolina residents who are members of an Indian tribe recognized by the State of North Carolina or by the federal government may be eligible for a need-based grant or merit scholarship through this State-funded program. Contact the Financial Aid Office for eligibility requirements and application procedures.

North Carolina Teaching Fellows

(www.teachingfellows.org)

Four-year awards of up to $6,500 per year are made to high school seniors who are promising prospective teachers. Financial need is not a selection criterion. For each year a student receives an award, he or she is expected to teach one year in North Carolina. The application deadline is in November and awards are announced in April. Applications are available from high school counselors and the NCTF Commission, Koger Center, Cumberland Bldg., 3739 National Dr., Suite 100, Raleigh, NC 27612, phone: 919/781-6833, e-mail: tfellows@ncforum.org.

Prospective Teacher Scholarship/Loan

North Carolina residents who plan a teaching career in the state may apply for a Prospective Teacher Scholarship/Loan. High school seniors who apply must have a minimum SAT score of 900 and a minimum GPA of 3.0. College applicants must have a minimum GPA of 3.0. The award is valued at up to $2,500 per year, and each year's stipend may be canceled by a year of public school teaching in North Carolina. Information and applications may be obtained from high school guidance counselors, college financial aid offices, schools of education, and at the Web site at www.cfnc.org. Applications are due in mid-February. Awards are announced in May.

Nurse Scholars Program

Awards are available to North Carolina residents with strong academic records. Students contract to work as full-time registered nurses within the state after graduation or they must repay the amount they are awarded plus interest at the rate of 10%. Students should contact the School of Nursing to be nominated for this award and for further information on the program.

Nurse Education Scholarship/Loan

The loans are awarded to North Carolina students, with preference given to juniors and seniors in nursing degree programs. Recipients are selected on the basis of financial need and merit by the Financial Aid Office. Loans may be repaid through full-time employment as a nurse in North Carolina or through repayment at a 10% interest rate.

Loans

UNCG offers loan assistance through the programs listed below to graduate and undergraduate students. Students are considered for loan assistance when they complete the Free Application for Federal Student Aid (FAFSA) or the Renewal Free Application for Federal Student Aid (RFAFSA). The Financial Aid Office determines loan eligibility from the program that is most suitable to the student's circumstances. When receiving a loan, the student must sign a promissory note. Students are encouraged to manage their loan debt load and to be aware of debt levels when they receive additional loans.

Short-term loans for emergency expenses of up to $300 are available through the Financial Aid Office during the time students are enrolled. Contact the Financial Aid Office regarding the terms and conditions applicable to the Emergency Loan Program.

Federal Stafford Loans

All students who are U.S. citizens or permanent residents, regularly admitted to UNCG, and who are enrolled at least half-time are eligible to be considered for assistance through the Federal Stafford Loan Program. Repayment on Stafford loans normally begins six months after the borrower graduates or terminates half-time enrollment.

The two types of Federal Stafford Loans are Subsidized and Unsubsidized. The Subsidized loan is awarded on the basis of financial need. The federal government pays the interest on this loan until repayment begins and during authorized periods of deferment. The Unsubsidized loan is not awarded on the basis of need. Interest accrues on the Unsubsidized loan from the time the loan is disbursed until it is paid in full. Interest may be paid as it accumulates, or may be added to the loan principal (capitalized). The FAFSA/RFAFSA determines your eligibility for each type of loan.

For the Subsidized Stafford loan, annual borrowing is limited to $3,500 for freshmen, $4,500 for sophomores, $5,500 for juniors and seniors, and $8,500 for graduate study. Total Subsidized loan assistance at the undergraduate level may not exceed $23,000. The aggregate limit for Subsidized Stafford loans through the graduate level is $65,500.

Independent students, including graduate students, or dependent students whose parents are unable to get a PLUS Loan (see below) may be eligible to borrow additional monies under the Federal Unsubsidized Stafford Loan Program. Freshmen and sophomores may be eligible to borrow an additional $4,000, upperclassmen an additional $5,000, and graduate students may be eligible to borrow an additional $12,000 in Unsubsidized Stafford loans.

The interest rate on Stafford loans is variable if your loan is disbursed on or after July 1, 1994. The variable rate is adjusted each year and will never exceed 8.25%.

Federal regulations govern the Federal Stafford Loan program, including but not limited to eligibility criteria, entrance and exit interviews, and fund disbursement.

Federal PLUS Loans

This federal government program allows parents of dependent students to borrow to meet educational expenses. These loans are available in addition to the Federal Stafford Loans up to the cost of attendance. The Federal PLUS program provides nonsubsidized loans at a variable interest rate that is not to exceed 9%. The amount borrowed under this program may not exceed the cost of education minus other aid received. Repayment usually begins 60 days after the loan is disbursed.

Federal Perkins Loans

Students with exceptional need may be eligible for a Federal Perkins Loan. The interest rate on the Perkins loan is 5%. Repayment is made to the school, and normally begins nine months after the borrower graduates, leaves school, or drops below half-time enrollment. UNCG will automatically consider any student who files the FAFSA/RFAFSA for the Perkins Loan.

North Carolina Student Loans for Health, Science and Mathematics

Legal residents of North Carolina accepted as full-time students in accredited associate, baccalaureate, master's, or doctoral programs leading to a degree in health, mathematics, nursing, or science may be eligible for this type of loan. Maximum loans range from $3,000 to $8,500 depending on the degree level. Recipients are selected according to major, academic capabilities, and financial need.

Interested students should request information and applications as soon as possible after January 15 from the North Carolina Student Loan Program for Health, Science, and Mathematics, PO Box 13223, Research Triangle Park, NC 27709, telephone: 919/549-8614.

Research Assistantships

The Office of Undergraduate Research offers undergraduate research assistantships for highly motivated undergraduate students to work closely with a faculty member on his/her research, scholarship, or creative activity. Assistantships are limited to rising sophomores, juniors, and seniors with 30 hours or more at UNCG and a cumulative UNCG GPA recommended minimum of 2.7. Part-time students who meet all criteria are eligible. Faculty and students in all disciplines are encouraged to participate. Awards are competitive. Faculty nominate students in early spring and awards are announced in late spring. Funds are available for the summer, one semester, or for an academic year. For more information, go to the Office of Undergraduate Research Web site at www.uncg.edu/our.

Student Employment

Funds for part-time jobs are provided for in the budgets of various departments on campus and also by the federal government. All student employees of UNCG, upon being hired, must present proper documentation verifying their identity and employment eligibility as required by the Federal Immigration Reform and Control Act of 1986.

Original documentation must be presented on or before the first day of work. A list of acceptable documents can be found on the Student Employment Web site at:

http://csc.dept.uncg.edu

Federal Work-Study Program

The federal government provides funds for part-time on- and off-campus jobs for students through the Federal Work-Study Program. The average student job requires 10 to 15 hours per week. To be considered for Work-Study, a student need only complete the FAFSA/RFAFSA and indicate interest in student employment on the form. Federal Work-Study is a need-based program with limited funding. Not all students who indicate interest will be offered Work-Study.

Other On-Campus Employment

Part-time jobs on campus are available for students who do not qualify for Federal Work-Study and want to earn money for a portion of their college expenses. The Career Services Center, located in the Elliott University Center on the UNCG campus, maintains a listing of these jobs. Students are eligible to use the Career Services Center as soon as they have been accepted for Admission.

Financial Aid from Other Sources

North Carolina Services for the Blind

Services for the Blind, a state agency affiliated with the North Carolina Department of Human Resources, provides financial assistance to visually impaired/blind college students for such items as tuition, fees, books, supplies, and reader services. For information, contact the Chief of Rehabilitation Services, Division of Services for the Blind, 309 Ashe Avenue, Raleigh, NC 27606.

North Carolina Veterans Scholarships

The Department of Veterans Affairs offers scholarship assistance to North Carolina children of deceased or disabled veterans or of certain veterans who were listed as POW or MIA status. An eligible student should write to the N.C. Division of Veterans Affairs, 325 N. Salisbury Street, Raleigh, NC 27603, for information.

Vocational Rehabilitation Program

Many states offer educational assistance to students who have a mental or physical disability that is an impairment to employment. North Carolina residents should contact their local Vocational Rehabilitation office or the N.C. Division of Vocational Rehabilitation Services, P.O. Box 26053, 805 Ruggles Drive, Raleigh, NC 27611-6053.

Students from other states should contact a local vocational counselor.

4. Academic Regulations & Policies

changing/declaring a major	University Registrar's Office	www.uncg.edu/reg
degree evaluations	University Registrar's Office	www.uncg.edu/reg
grades & graduation	University Registrar's Office	www.uncg.edu/reg

Several UNCG offices support the implementation of academic processes, policies, regulations, and related activities.

Office of Orientation and Family Programs

245 Elliott University Center • 336/334-5231

www.uncg.edu/ori

New undergraduates and their families are welcomed by a number of programs designed to assist with their transition into the UNCG community. The Office of Orientation coordinates these programs. Orientation activities include academic advising and registration for classes along with tours of the campus and campus resource fairs. French, Latin, and Spanish language placement exams are also given at this time.

New students entering UNCG in the fall semester must participate in the summer SOAR program (Spartan Orientation, Advising, and Registration), which occurs in June. New students are also expected to participate in Rawkin' Welcome Week, which takes place the week prior to the beginning of classes in the fall.

University Registrar's Office (URO)

180 Mossman Building • 336/334-5946

www.uncg.edu/reg

The Office of the University Registrar oversees adherence to academic policy and data integrity, and is responsible for the registration of all students in academic credit courses offered by the University. All aspects of registration, including the preparation of this *Bulletin*, the semester schedule of courses, demographic updates, major changes and faculty advisor assignments, registration scheduling and processing are handled by this office. In connection with registration, the University Registrar's Office is also responsible for grade processing at the close of each semester, and maintains the official academic records (transcripts) for all current and former students. Also see chapter 8.

This office also provides summer session credit approval for UNCG students, and transfer credit evaluation for students transferring into the University.

Additionally, the University Registrar's Office coordinates the development and oversight of the CAPP (Curriculum, Advising, and Program Planning) automated degree audit system that monitors student progress toward degree completion, oversees the graduation application process and graduation clearance for undergraduates, the printing of undergraduate diplomas, and Commencement activities in May and December of each year.

Student Academic Services (SAS)

159 Mossman Building • 336/334-5730

www.uncg.edu/adv

The Office of Student Academic Services coordinates academic advising for undergraduate students, and administers undergraduate policies and regulations.

A staff of academic advisors is available in the Office of Student Academic Services from 8 A.M. to 5 P.M., Monday through Friday, to answer questions and to assist students with academic matters beyond the scope of the faculty advisor. Please refer to chapter 8 for a description of services offered by the office.

The Director of the Office of Student Academic Services is responsible for the monitoring of University Undergraduate academic regulations as described on the following pages. Any student with questions concerning academic regulations should address them to the staff in the Office of Student Academic Services.

In addition to academic advising, Student Academic Services coordinates a number of academic success initiatives including UNS 101—University Studies, the first-year experience course and SAS 100—Strategies for Academic Success, the program required for first-semester students who are placed on academic probation.

A number of services for students are provided by Student Academic Services via the Web at:

www.uncg.edu/adv

Student Success Center

Ragsdale & Reynolds Halls • 336/334-7533

http://success.uncg.edu

The Student Success Center currently houses three different but related academic support service units complementing the efforts of the teaching faculty through personalized and structured approaches to learning which include tutoring, academic counseling, preparation for graduate school entrance exams, computer instruction, skills development, and workshops. The Learning Assistance Center (LAC) provides programs and services to help undergraduate students improve their academic performance and achieve their educational goals. Special Support Services (SSS) is a comprehensive educational support program sponsored by the U.S. Department of Education and UNCG, providing free services to first-generation undergraduate students in a supportive and caring atmosphere that enables them to achieve high levels of academic success at UNCG. The Supplemental Instruction (SI) Program is an academic support area that tar-

gets historically difficult courses. SI is a non-remedial approach to learning enrichment that increases student performance and retention. Students enrolled in SI-identified courses attend regularly scheduled, out-of-class review/discussion sessions. The sessions are focused on reviewing lecture notes, discussing course readings, and preparing for examinations. See chapter 8 for a complete description of the Student Success Center.

The Academic Integrity Policy

First responsibility for academic integrity lies with individual students and faculty members of the UNCG community. A violation of academic integrity is an act harmful to all other students, faculty and, ultimately, the entire community. Specific information on the Academic Integrity Policy and obligations of faculty and students may be found online at http://academicintegrity.uncg.edu. Names of College and School members of the Academic Integrity Advisory Group may be found online at this site as well as under the link "Academic Integrity at UNCG/Resources for Faculty." The Administrative Coordinator for Academic Integrity can be reached at 336/334-5514.

Declaring or Changing Majors

Notification of the University Registrar's Office or the College/School/Departmental office is required when a student declares or changes his/her major.

Declaring a Major

Many students declare their majors when they are accepted into the University or during their orientation programs, before they initially register for courses. Those who enter the University with an "undecided" major should declare their majors prior to the completion of 45 semester hours. To earn a degree in a timely manner, several academic departments recommend that students declare their major even earlier in their academic careers. Students should contact the department of their intended major for further information.

Changing a Major

Students planning to change their majors should do so well in advance of the next registration period in order to be assigned to a new advisor and to receive adequate advising in the department or advising center of their new majors.

Students should declare or change their majors by the end of September for spring semester registration in the new major, and by the end of February for fall semester registration in the new major.

Summary of Undergraduate Academic Requirements and Limits

Baccalaureate Degree Requirements and Limits

122	Minimum number of hours required for an undergraduate degree
168	Maximum number of hours that may be attempted toward a single undergraduate degree
36	Minimum number of hours required toward the degree at or above the 300 course level
31	Minimum required hours in residence at UNCG
31	Minimum required hours in residence at UNCG beyond the first degree for a second undergraduate degree
2.0	Minimum cumulative GPA required for graduation

Credit Hour Regulations and Limits

12	Minimum number of credit or semester hours in which undergraduates must enroll per semester to qualify for full-time status
19	Maximum number of hours per semester in which an undergraduate may enroll without special permission
64	Maximum number of hours allowed for 2-year transfer credit
8	Maximum number of hours allowed for physical education credit
12	Maximum number of hours allowed for Army ROTC credit
12	Maximum number of hours allowed for Air Force ROTC credit

Non Credit Course

The course listed below does not count toward graduation nor is it calculated in the student's GPA.

SAS 100

Undergraduate Classifications

0–29.9 hours completed	Freshman
30–59.9 hours completed	Sophomore
60–89.9 hours completed	Junior
90 or more hours completed	Senior

Deans List Qualifications

15	Minimum number of hours a student must have completed at UNCG to be eligible for Dean's List
6	Minimum number of hours in which a student must be enrolled for a given semester
3.50	Minimum required GPA for the semester
B-	Minimum grade earned for the semester (no grade may be lower than B-)

Chancellor's List Qualifications

30	Minimum number of hours a student must have completed at UNCG to be eligible for Chancellor's List
12	Minimum number of hours in which a student must be enrolled for a given semester at UNCG
3.65	Minimum required cumulative GPA

Transfer students must be enrolled for at least one semester at UNCG to be eligible for the Chancellor's List.

Graduation with Honors Requirements

45	Minimum number of hours a student must complete in residence at UNCG by end of senior year to be eligible for graduation with honors
3.90	Minimum required GPA for *Summa cum laude*
3.70	Minimum required GPA for *Magna cum laude*
3.50	Minimum required GPA for *Cum laude*

Second Degree Honors Required Hours

45	Minimum number of hours a second degree candidate must complete toward the second degree in residence at UNCG, with the required GPA, to be eligible for graduation with honors

Simultaneous Baccalaureate Degrees Residency Hours

31	Minimum number of hours in residence a student must complete beyond requirements for the first degree in order to receive a second, simultaneous baccalaureate degree

Registering for Courses

Dates for advising and registration periods for each semester are published in the University Calendar, pp. 2–3, in each semester's *Schedule of Courses* booklet and on the University Registrar's Web site (www.uncg.edu/reg). It is the student's responsibility to be aware of all registration and advising periods. Registration for courses at UNCG is an automated process conducted through *UNCGenie*, UNCG's student information system, which provides students with Web registration access.

Registration Process

New Freshman students register for courses during the summer orientation programs (SOAR) or after the completion of their orientation programs at the beginning of a semester.

Transfer, Former, or unclassified students receive registration instructions by e-mail before the beginning of each semester's registration period.

Greater Greensboro Consortium students: UNCG students wishing to take courses at one of the Consortium institutions (Bennett College, Elon University, Greensboro College, Guilford College, High Point University, Guilford Technical Community College, and North Carolina Agricultural and Technical State University) should request a Consortium form from the University Registrar's Office, 180 Mossman Building, 336/334-5646.

Continuing students, those currently enrolled in UNCG who are returning for another semester of work, receive instructions by e-mail for registering during the Early Registration periods in November (for spring semester) and in April (for summer/fall semester). Continuing students eligible to pre-register for the next semester who do not do so, will be required to pay a late registration fee.

Advising Codes

All undergraduates are required to meet each semester with their faculty advisors for assistance with course selection and to obtain semester advising codes. New advising codes are issued for the next semester during the advising period. Undergraduates must use advising codes to access the *UNCGenie* registration system, throughout the semester for schedule adjustment.

Course Selection

Course Loads

Twelve semester hours is considered full-time status for undergraduates. An undergraduate student must be enrolled for a minimum of 12 hours to qualify for full-time certification to any organization.

Full-time undergraduates normally take five courses per semester. Since a majority of courses carry three hours of credit with some carrying four hours of credit, a normal course load is 15 or 16 hours per semester. To complete most undergraduate degrees in four years, students should plan to carry 15 or 16 hours per semester.

Undergraduates may not take more than 19 hours per semester except with the approval of Student Academic Services. Students who have cumulative grade point averages of 3.0 may be authorized, in special circumstances and at the discretion of the Director of Student Academic Services, to carry a maximum of 21 hours of course work.

Suggested Academic Workload Guidelines

Students should be aware that academic excellence and scholastic achievement usually require a significant investment of time in study, research, and out-of-class projects. To provide guidance to students in planning their academic and work schedules, the following recommendations are offered:

1. In general, students should plan to devote between 2–3 hours outside of class for each hour in class. Thus, students with a 15-hour course load should schedule between 30–45 hours weekly for completing outside-of-class reading, study, and homework assignments.
2. Students who are employed more than 5–10 hours each week should consider reducing their course loads (semester hours), depending upon their study habits, learning abilities, and course work requirements.

Course Levels

Course level numbers are structured as follows:

100–199	intended primarily for freshmen
200–299	intended primarily for sophomores
300–399	intended primarily for juniors
400–499	intended primarily for seniors
500–599	intended for advanced undergraduates and graduate students; these courses are not open to freshmen and sophomores
600–749	registration restricted to students who are classified as graduate students
750–799	registration restricted to students admitted to doctoral programs

The *Undergraduate Bulletin* lists complete course descriptions for courses numbered 100 through 599. Please see *The Graduate School Bulletin* for information on 600- and 700-level graduate courses.

Adding Courses

Students may add courses to their schedules during the Schedule Adjustment (Drop/Add) period. Between the end of the Drop/Add period and the 10th day of classes, a student desiring to add a course may do so only with the written approval of the instructor.

Late Adds

After the 10th day of classes, adding with instructor permission will be accepted by the University Registrar's Office only under extraordinary circumstances.

Dropping Courses

Withdrawal from a course or courses within the first eight weeks of the semester shall be without penalty and hours shall not be computed as hours attempted.

Withdrawal without penalty from a course or courses after the eight-week deadline but before the end of the semester shall be approved only for appropriate cause as determined by appropriate documentation of medical, psychological, or administrative reasons. A student should initiate a request for withdrawal without penalty from one or more courses through the Office of Student Academic Services. Courses of less than one semester's duration, including summer school courses, shall have shorter deadlines (proportional to the eight-week deadline for the regular semester) for withdrawal. These deadlines are published on the University Registrar's Web site.

The Director of Student Academic Services shall be responsible for authorizing these withdrawals after consultation with the instructor, and with other departments or agencies in some cases.

The grade W indicates that the student either withdrew from the course within the eight-week, no-penalty period or that the student withdrew at a later date for appropriate cause determined by medical, psychological, or administrative reasons.

If a student is enrolled in only one course and drops that course, the student is considered officially withdrawn from the University. See next section on **Withdrawal**.

Retroactive Withdrawals
(for Retroactive Grade Change see Grading Policies and Grades below)

Withdrawal from the University

Students who find that they must withdraw from the University can do so by dropping all courses through the *UNCGenie* Web site at https://banweb.uncg.edu. Undergraduates who drop all courses are considered to be withdrawn from the University and must seek reactivation or readmission through Undergraduate Admissions to return to school in subsequent terms.

Students withdrawing on or before the last day to drop without academic penalty will receive W grades (withdrawal without academic penalty). Thereafter, WF grades will be recorded. WF grades are calculated in the student's GPA as F (failing) grades.

Students who have questions regarding withdrawing from the University should contact Student Academic Services, 159 Mossman Building, 336/334-5730. Inquiries regarding returning to the University should be directed to the Undergraduate Admissions Office, 336/334-5243. For additional information go to www.uncg.edu/reg/Reg/current/withdrawal.html.

Withdrawal/Refund/Re-enrollment Policy for Students Activated for Military Duty including the Armed Services Reserve and the National Guard

Students who serve in the Armed Services Reserve or the National Guard are often alerted that they may be called to active duty for various reasons. If a student is involuntarily called for active military duty during a term in which he or she is enrolled, the eligible student may elect one of several options for withdrawing from the University, including complete withdrawal with fully refundable tuition and general fees, an early exam option, or an Incomplete grade option. See chapter 3 for complete details of UNCG's Refund Policy for Students Activated for Military Duty, including policies regarding returning to the University after release from active duty.

Auditing Courses

Full-time UNCG students may audit courses upon the written approval of the instructor. Auditors must register officially for the class. Attendance, prepar ation, and participation in the classroom discussion and laboratory exercises shall be at the discretion of the instructor. An auditor is not required to take examinations and tests and receives no credit for the course.

Registration may not be changed from audit to credit or from credit to audit status after the end of late registration.

Regulations regarding visiting auditors and part-time auditing students are found in chapter 2. For auditing fees, see chapter 3.

Class Attendance

Regular class attendance is a responsibility and a privilege of university education. It is fundamental to the orderly acquisition of knowledge. Students should recognize the advantages of regular class attendance, accept it as a personal responsibility, and apprise themselves of the consequences of poor attendance. Instructors should stress the importance of these responsibilities to students, set appropriate class attendance policies for their classes, and inform students of their requirements in syllabi and orally at the beginning of each term.

Student's Responsibility

1. Knowledge of each instructor's attendance policy and monitoring his or her class absences throughout the term.
2. Familiarity with all materials covered in each course during absences and make-up of any work required by the instructor.
3. Initiation of requests to make-up work missed because of class absences. The decision to assist the student with make-up work, including tests, rests with the instructor.
4. Follow-up on all notices from the Registrar regarding course enrollment in order to correct registration.

Instructor's Responsibility

1. Setting of reasonable regulations for class attendance as appropriate for class content, organization, methodology, and size.
2. Description of attendance policies in course syllabi and announcement in class, particularly at the beginning of each term.
3. Maintenance of class attendance records of enrolled students as appropriate for the attendance policy.
4. Exaction of penalties for unsatisfactory class attendance. Possible penalties are lowering the course grade, including a grade of F, and, in extreme circumstances, dropping the student from the course.

Appeals

If a student thinks there is a discrepancy between the instructor's exaction of a penalty for unsatisfactory class attendance and the stated policy or that there is an extenuating circumstance that may affect the instructor's decision, then he or she should first make a request to the instructor. If desired, the student may further appeal to the Department Head, the Dean of the School or College, and the Provost, in that order.

Grading Policies and Grades

Final Course Examinations

Final examinations may be required at the discretion of faculty and must be scheduled in course syllabi.

Change of Examination Schedule

A student desiring to change the meeting time of a final exam should make the request directly to the class instructor. It is the instructor's prerogative to grant such requests. In instances where students have three exams within a 24-hour period, they may apply to the University Registrar's Office, 180 Mossman Building, for permission to change their exam schedules. The usual policy is to change the middle examination in a sequence of three. All requests for changes in examinations must be filed with the University Registrar's Office by Reading Day.

Grade Reports

Final course grades are made available to students at the end of each semester on *UNCGenie*, UNCG's student information system. Students can view and print copies of their grades from *UNCGenie* at https://banweb.uncg.edu.

Grades

A grade in a course is based on the quality of the student's classroom and written work throughout the semester. Most course grades are not solely based on the final examination alone.

UNCG Grading System for Undergraduates

A Excellent—indicates achievement of distinction and excellence in several if not all of the following aspects: 1) completeness and accuracy of knowledge; 2) intelligent use of knowledge; 3) independence of work; 4) originality.

B Good—indicates general achievement superior to the acceptable standard defined as C. It involves excellence in some aspects of the work, as indicated in the definition of A.

C Average—indicates the acceptable standard for graduation from UNCG. It involves such quality and quantity of work as may fairly be expected of a student of normal ability who gives to the course a reasonable amount of time, effort, and attention.

Such acceptable standards should include the following factors: 1) familiarity with the content of the course; 2) familiarity with the methods of study of the course; 3) full participation in the work of the class; 4) ability to write about the subject in intelligible English.

D Lowest Passing Grade—indicates work that falls below the acceptable standards defined as C but which is of sufficient quality and quantity to be counted in the hours of graduation if balanced by superior work in other courses.

F Failure—indicates failure that may not be made up except by repeating the course.

I Incomplete—indicates that the completion of some part of the work for the course has been deferred because of prolonged illness of the student or because of some serious circumstances beyond the student's control.

Concomitantly with the recording of an Incomplete grade, the instructor files with the head of the school or department concerned the student's average grade and the specific work that must be accomplished before the Incomplete can be removed. Incomplete grades may be recommended by the University physician, the Counseling and Testing Center, and by the Director of Student Academic Services. Also see section "Removal of Incompletes."

IP In Progress—indicates that the course work was planned to continue beyond a single semester.

P/NP Passing/Not Passing—used for designated courses only; courses graded P/NP are so indicated in the course description.

SP Special Exam

W Withdrawal—indicates a course from which the student withdrew during the first eight (8) weeks of classes; no academic penalty is attached to a grade of W; see also the section on "Dropping Courses."

WF Withdrawal with Failure—indicates a course from which the student withdrew after the first eight (8) weeks of classes; a WF is computed in the student's GPA; see also the section on "Dropping Courses."

WN Withdrawal Not Passing—used in courses designated P/NP.

NC No Credit—indicates an audited course.

Removal of Incomplete Grade

An Incomplete grade may be removed by completion of the deferred work. A student should not reregister for the course in order to remove the Incomplete. An Incomplete received during a semester or in summer session must be removed within six months from the last day of examinations in the term in which the course was taken. Current deadlines for removals of Incompletes are published below, each semester in the *Schedule of Courses* booklet, and on the University Registrar's Web site at www.uncg.edu/reg.

An Incomplete not removed within this time limit is automatically converted to an F by the University Registrar. A graduating senior who incurs an Incomplete and who has completed all requirements and enough semester hour credits and grade points to graduate may do so even though the Incomplete grade is outstanding. If the Incomplete is not removed within the required six months, it will be converted

to F at the end of that period of time. When an Incomplete is removed, it may be replaced by A, B, C, D, F, or, in certain designated courses, P, NP, S, or U.

Incomplete Removal Deadlines

Incomplete grades must be removed by the deadlines stated below or they will be automatically converted to F on the student's academic record.

Spring 2007

Incomplete grades earned during spring 2007 must be removed by **November 9, 2007**.

Summer 2007

Incomplete grades earned during summer 2007 must be removed by **January 28, 2008**.

Fall 2007

Incomplete grades earned during fall 2007 must be removed by **June 19, 2008**.

Spring 2008

Incomplete grades earned during spring 2008 must be removed by **November 14, 2008**.

Summer 2008

Incomplete grades earned during summer 2008 must be removed by **February 2, 2009**.

Appeals

If a student wishes to appeal an assigned grade, the student should first discuss the concerns with the instructor. If desired, the student may further appeal to the Department Head, the Dean of the School or College, and the Provost, in that order.

Semester Hour Credits

Credits for all courses are reported in semester hours. A semester hour credit equals one 50-minute class period per week or its equivalent throughout one semester. The number of semester hour credits given for each course is listed as part of the course description.

Grade Points and Grade Point Averages (GPA)

UNCG uses a semester hour credit and grade point system for evaluating undergraduates. Semester hour credits represent the number of course hours completed. Grade points are determined by the number of semester hour credits attempted and the grades earned.

The grade point average is determined by dividing the accumulated number of grade points earned by the accumulated number of semester hours undertaken. Hours attempted but not passed must be included in this calculation. However, a second F or WF in the same course is not used in computing the grade point average. Courses graded on the P/NP or S/U basis and courses transferred from another institution (except those courses taken through the Consortium) may not be used in determining the UNCG grade point average.

SAS 100 does not count toward graduation and therefore is not calculated in a student's GPA.

Beginning with courses taken in fall 1996, plus/minus grades are incorporated into the GPA for all undergraduates. Effective fall 2006, the A+ is added to the scale, carrying 4.3 quality points. The maximum grade point average for an undergraduate, however, will be capped at 4.0.

Grade	Grade Pts. Awarded Per Hour of Credit
A+	4.3
A	4.0
A-	3.7
B+	3.3
B	3.0
B-	2.7
C+	2.3
C	2.0
C-	1.7
D+	1.3
D	1.0
D-	0.7
F/WF	0.0

Academic Renewal

The following policy was approved by the UNCG Faculty Senate on October 2, 2002; amended October 23, 2006:

Formerly enrolled students who have less than a 2.0 cumulative GPA and who have not been enrolled in any institution of higher education during the previous three years may apply for academic renewal; or, as an alternative, students who have less than a 2.0 cumulative GPA may apply for academic renewal after completing 30 hours of UNCG-approved college credit with a 2.50 GPA since their last enrollment at UNCG.

All students readmitted/reactivated under the provisions of this policy must earn at least a 2.0 GPA on their first 15 hours following re-enrollment to qualify for renewal. Thereafter, the student must meet the standard for continuation in the University academic good standing policy. Grades will be forgiven only once during a student's career and cannot be reversed.

Grade Forgiveness

Upon meeting these requirements, all previously completed courses in which grades below a C were earned will be forgiven. The grades of these courses will be shown on the transcript but will not be used in the calculation of the GPA and the hours will not be counted toward degree requirements. The recomputed GPA will be calculated from the courses in which grades of C or higher were earned. Grades of C- (1.70 grade points) or below will not be counted toward degree requirements nor in the GPA.

Grade Replacement Policy

Except for courses with specific provision in the course description for repeated credit, a UNCG undergraduate student may repeat a UNCG course in an attempt to earn a better grade. Students may request that an original grade in a course be removed from the Grade Point Average (GPA) and replaced by the grade earned in the repeated course. Only 300-level and below courses may be repeated. During their undergraduate careers students may request to replace the

grades for a total of three courses, regardless of credit- or semester-hour value. Students must initiate the request by filing a form with the University Registrar's Office to replace a grade. All grade replacements are final. The academic transcript will reflect all attempts and grades. Students cannot combine the Academic Renewal and the Grade Replacement policies. Grades earned as a result of Academic Integrity violations recorded by the Office of Student Affairs may not be replaced by another grade. Grades earned in repeated courses will not be used to replace grades earned as part of a degree once it has been conferred.

In the case of all other repeated courses, attempted hours and grade points from all attempts will be counted fully in the GPA. Semester hours earned for the course will count only once in the total hours for the degree. Departmental policies supersede this policy. Grades can be replaced for courses taken fall 2005 and thereafter.

Retroactive Grade Change

A retroactive grade change is a change in an officially recorded grade. A grade becomes officially recorded when the Registrar so stipulates. Except to correct clerical errors, a retroactive grade change is an extraordinary action and is granted only in the most compelling circumstances. No change may occur unless the instructor who gave the grade initiates the formal process of a retroactive grade change. The change must also be approved by the instructor's department head and by the instructor's dean. In the event that the instructor is, for practical purposes, unavailable, only the Academic Appeals Committee of the Faculty Senate may act in place of the instructor in the matter of a retroactive grade change.

Students shall be given one year to petition for retroactive Ws following the semester in which grades were awarded. A retroactive grade change to a W must meet the preceding conditions and be approved by the Director of Student Academic Services. In addition, an instructor who is being asked by a student to consider a retroactive withdrawal must be informed by Student Academic Services of the number of courses completed and the number of requests for retroactive Ws being sought by the student for the semester in question.

Retroactive grade changes are not made for students who have graduated.

Dean's List

Undergraduate students carrying six (6) or more semester hours of course work graded on an A, B, C, D, or F basis are eligible for the Dean's List in the fall and spring semesters.

Students who earn a grade point average of 3.50 or better and who have no grade below B- for the semester will be placed on the Dean's List if they have completed at least 15 semester hours at UNCG. The list is compiled at the end of each semester or when a grade change is processed after a semester for all students whose grade point average falls within the range at the time the report is prepared.

Recognition is accorded the recipients of this honor. Fall and spring semester Dean's Lists are published on the University Registrar's Web site at www.uncg.edu/reg after all grades for the semester have been processed.

Chancellor's List

Students are eligible for the Chancellor's List who meet the following criteria: achievement of 30 or more hours at UNCG; a cumulative grade point average of 3.65 or higher; current enrollment at UNCG in 12 or more hours. In the case of transfer students, at least one semester of enrollment at UNCG is required.

Recognition is accorded the recipients of this honor. The Chancellor's List is published on the University Registrar's Web site at www.uncg.edu/reg after all grades for the fall and spring semesters have been processed.

Classification of Students

The following classifications became effective for fall 1996 and thereafter for newly admitted undergraduates (transfer students and freshmen).

Undergraduate students are classified as freshmen, sophomores, juniors, and seniors. These classifications are determined by the number of semester hours completed (including hours transferred from another institution). The classifications are as follows:

Freshman	0–29.9 semester hours completed
Sophomore	30–59.9 semester hours completed
Junior	60–89.9 semester hours completed
Senior	90 or more semester hours completed

Academic Good Standing At UNCG

The following requirements and procedures for maintaining academic good standing became effective in fall 1996 for newly admitted degree-seeking undergraduates (freshmen and transfer students), and was modified by Faculty Senate in April 1998.

To continue in academic good standing at UNCG, students must maintain a cumulative grade point average of 1.75 for freshmen (0–29 semester hours completed), and 2.0 thereafter (30 or more semester hours completed).

Students on academic probation must earn a 2.30 GPA each term including Summer Session until academic good standing is restored. For freshmen a 1.75 cumulative GPA is required for good standing; for sophomores and above, a 2.0 cumulative GPA. Failure to meet the 2.30 term GPA until good standing is restored will result in academic suspension, if not previously suspended. Students on academic probation after academic suspension or dismissal who fail to meet the 2.30 term GPA will be academically dismissed.

UNCG reserves the right to deny enrollment to any student, even though the student has met the minimum grade point average required, if it is apparent from the student's academic record of required courses that the student will not be able to meet graduation requirements.

The Academic Good Standing Policy applies to enrollment during any term, including Summer Session. Students may be placed on academic probation, suspended, dismissed, or restored to good standing based on their academic performance during Summer Session. Academic performance for both summer terms is evaluated at the end of summer term II. Students may check their academic standing via *UNCGenie*.

Academic Probation

Academic probation will occur as a result of any of the following:

1. Freshmen will be placed on academic probation if their cumulative GPA falls below a 1.75.
2. Sophomores, juniors, and seniors will be placed on academic probation if their cumulative GPA falls below a 2.0.
3. Any full-time, degree-seeking student who fails to pass at least six (6) semester hours in a given semester shall be placed on academic probation.

Students on academic probation must earn a 2.30 term GPA each term to be eligible to continue until good standing is restored.

Students who are placed on academic probation at the end of their first semester at UNCG must participate in the Student Academic Success Program sponsored by Student Academic Services during their second semester. Failure to participate in this program or meet any condition of this program will result in immediate academic suspension.

All students on academic probation shall be limited to a maximum of 12 semester hours in the fall or spring semester and no more than four (4) hours in each term of summer session.

Students are expected to be aware at all times of their academic status and are responsible for knowing whether or not they are on academic probation.

SAS COURSE

100 Strategies for Academic Success (0:2)

- *Enrollment required of, and restricted to, students who are placed on academic probation at the end of their first semester at UNCG.*
- *Attendance requirements enforced.*
- *Graded P/NP (Pass/Not Pass)*
- *Failure to register for SAS 100 and to attend the first class meeting will result in immediate academic suspension. If extraordinary circumstances prevent students from attending the first class meeting, they should contact the Retention Coordinator in Student Academic Services prior to that meeting to avoid immediate suspension.*

Topics will include self-assessment, motivation, goal-setting, study skills, learning styles, time management, and campus resources. Students will develop and follow an individualized learning plan to address their particular challenges and needs. (FALL & SPRING & SUMMER)

Academic Suspension

Academic suspension from the University will occur as a result of either of the following:

1. Freshmen on academic probation will be suspended for one semester if they fail to earn either a minimum 2.30 GPA each term or raise their cumulative GPA to 1.75 at the end of their probationary term.
2. Sophomores, juniors, and seniors on academic probation will be suspended for one semester if they fail to earn either a minimum 2.30 GPA each term or raise their cumulative GPA to 2.0 at the end of the probationary term.

Students placed on academic suspension are denied permission to enroll for one semester. After a one-semester academic suspension, students may apply for reactivation/readmission to the University. Students are encouraged to complete an interview with a counselor in the Student Academic Services Office prior to the application deadline. If reactivated, students will return carrying academic probation status. Summer Session is not considered a semester away for the purposes of academic suspension.

Academic Suspension Appeals

A student who wishes to appeal academic suspension must appeal in writing to Student Academic Services by the appeals deadline in the academic calendar, which is published in the *Undergraduate Bulletin* and semester *Schedule of Courses*. Academic suspension appeals are considered in cases where circumstances beyond the student's control have interfered with the student's academic performance.

Events/Circumstances that Merit an Appeal

- Personal or family emergency
- Unanticipated, serious medical difficulty (excluding chronic conditions—students are responsible for properly balancing academic work with known chronic conditions)
- Serious psychological difficulty

Information to be Included in the Appeal

- State the academic term of suspension you are appealing
- Explain the events/circumstances that were detrimental to your academic performance
- Attach any supporting documentation of events/circumstances that merit your appeal
- Describe how the events/circumstances in your appeal have been resolved
- Describe your plans for ensuring satisfactory academic performance in the coming academic term, should your appeal be approved.

Contact Student Academic Services at 336/334-5730 for additional information.

Academic Suspension Appeals will be reviewed by Student Academic Services and/or the Academic Appeals Committee. Students will be notified of the results of their appeals in writing.

Academic Dismissal

Academic dismissal will occur as a result of either of the following:

1. Freshmen who return on academic probation after suspension will be dismissed if they fail to earn either a minimum 2.30 GPA each term or raise their cumulative GPA to 1.75.
2. Sophomores, juniors, and seniors who return on academic probation after suspension will be dismissed if they fail to earn either a minimum 2.30 GPA each term or raise their cumulative GPA to 2.0.

Students who have been academically dismissed cannot enroll at UNCG. One year after an academic dismissal, students may petition Student Academic Services to return to

the University. Approval to continue after academic dismissal is a relatively rare occurrence. If approved, students will return carrying academic probation status.

Information to be included in the Academic Dismissal Appeal:

- Explain the events/circumstances that were detrimental to your academic performance during your previous enrollment at UNCG
- Describe how these events/circumstances have been resolved
- Describe your plans for ensuring satisfactory academic performance in the coming academic term, should your appeal be approved.

Return to the University After Academic Probation, Suspension, or Dismissal

Students not in good academic standing (academic probation, suspension, dismissal) when they leave the University must meet readmission requirements. If students not in good academic standing attend another post-secondary institution, they must have an overall and transferable 2.0 GPA on a 4.0 scale on all courses taken since leaving the University.

Dismissed students must petition Student Academic Services to return to the University. Formerly dismissed students who successfully petition to return must agree to participate in a program sponsored by Student Academic Services during their first semester upon return. Failure to meet the conditions of this program will result in immediate dismissal from the term. Formerly dismissed students will be notified about the details of this program when their appeal is approved.

Academic Appeals

The Director of Student Academic Services and the Academic Appeals Committee, appointed from the faculty, consider special and meritorious requests for waivers of academic regulations stated in the Undergraduate Bulletin. The Committee's decision on an academic suspension and dismissal appeal is final. The student should consult the Office of Student Academic Services for information concerning the appeal process.

Credit Regulations and Credit Limits

Summer Session Credits

Approval to have the credits transferred to UNCG for degree credits must be obtained from the University Registrar's Office.

Students may enroll for no more than 7 hours during each of the two summer sessions, unless permitted to take an increased load by the Director of Student Academic Services.

Transfer Credit Limit

The sum total of transfer credit from two-year college(s) that may be applied toward an undergraduate degree may not exceed 64 semester hours.

Current UNCG policy stipulates that courses completed in technical, vocational, or professional programs at community colleges or courses from technical colleges or proprietary institutions cannot be accepted in transfer, unless they are part of a 2Plus articulation agreement. These agreements give students with articulated Associate in Applied Science degrees access only to complementary degrees at UNCG.

Transfer Credit Limit

The sum total of transfer credit from two-year college(s) that may be applied toward an undergraduate degree may not exceed 64 semester hours.

Transfer Articulation

Located in the University Registrar's Office, this unit enters transfer credit course work into the student's official record. Also, in association with University faculty, this unit is responsible for determining how other higher education institution course work transfers into UNCG. Students with questions about transfer credit are encouraged to call the University Registrar's Office and ask for the Transfer Articulation area (336/334-5946). Transfer equivalencies for courses taken in the NC Community College system and several area universities are available on the Web at www.uncg.edu/reg/transfer/index.html. Students are strongly encouraged to submit a transfer credit form, available at www.uncg.edu/reg/Forms/TransferCredit.pdf.

Extension or Correspondence Credit

Extension Credit

UNCG extension credit, earned either on or off campus, will be considered transfer credit for admission purposes. Up to 64 semester hours in extension and/or correspondence credits may be applied to completion of work for an undergraduate degree. Academic departments may establish such course and credit limitations in acceptance of extension credit as may be required by specific degree programs.

Although UNCG extension credit is treated as transfer credit at the time of admission, it will be thereafter considered "Residence" credit for degree certification purposes.

Correspondence Credit

Up to 64 semester hours in correspondence and extension credit may be applied to the completion of work for an undergraduate degree with the further stipulation that not more than one-fourth of the requirements for the degree may be completed in correspondence credit. Academic departments may establish such course and credit limitations in acceptance of correspondence credit as may be required by specific degree programs.

Although UNCG correspondence credit is treated as transfer credit at the time of admission, it will be thereafter considered "Residence" credit for degree certification purposes.

Correspondence credit earned from institutions other than UNCG is always treated as transfer credit. It will have no impact on the UNCG grade point average. Only credit hours will be applied toward UNCG degree requirements.

Undergraduate Degree Credit Limit Policy

No more than 168 semester hours may be attempted toward an undergraduate degree.

Undergraduate Degree Credit Limit

No more than 168 semester hours may be attempted toward an undergraduate degree.

Non-Credit Course

No credit toward graduation is given for SAS 100.

Physical Education Credit Limit Policy

Any University student may take up to eight (8) semester hours of elective credit in physical education activity courses to apply toward graduation.

ROTC Credit Limit Policy

Elective credit shall not exceed 12 semester hours for Army ROTC, and 12 hours for Air Force ROTC.

Placement Examinations

Placement tests are administered each summer during orientation (SOAR) and each semester during the advising and registration period by the departments concerned. Students should check the course schedule booklet each semester for the exact dates and times during which the tests will be administered.

The results of placement tests in French, Latin, and Spanish are binding for student placement in courses. Students may enroll in mathematics courses at the level at which they place or in lower level courses. Students will neither receive credit nor will they be exempt from University distribution requirements based on their performance on the tests.

French, Latin, and Spanish Placement Tests

Students who started French, Latin, or Spanish in secondary school and who are beginning their study of that language at UNCG must take a placement test. All transfer students returning to the study of French, Latin, or Spanish begun in high school but not previously pursued at the college level must also take the placement test. Students who are transferring credits in these languages from another college need not take the test in order to continue the same language at UNCG. See **Romance Languages** in chapter 7 for more information about the French and Spanish placement tests.

Mathematics Placement Test

There is no prerequisite for MAT 112, 115, and 150; hence, no student is required to take the Mathematics Placement Test. See www.uncg.edu/mat/undergraduate/mathplacetest.html.

Science or Business majors with very strong backgrounds in precalculus or calculus should consult (at least two months prior to the beginning of a semester via matplace@uncg.edu) with the Department of Mathematical Sciences in order to discuss the possibility of taking the Mathematics Placement Test.

Placement Without Credit

Students with exceptional ability are encouraged to take examinations for placement without credit in order to take advantage of opportunities for advanced courses and for individual research or other creative endeavors.

Examinations for placement without credit will be administered by the departments or schools concerned. It is recommended that departments or schools make available to interested students reading lists and other source material that might assist the students in preparing for the examination.

Passing an examination of this type will not alter the number of semester hours required in that area or subject. Successful completion of an examination for placement at the 100 level in the student's major field shall have the effect of increasing the number of hours accepted toward graduation above the 100 level by the number of hours so waived.

In all cases where requirements of prerequisites are waived, by placement examination or other means, this fact should be reported in writing by the appropriate department head to the University Registrar's Office and should be entered on the student's record.

Special Examination for Credit

In exceptional circumstances, students may attempt to establish academic credit through a Special Examination upon the recommendation of the department or school and under the supervision of the University Registrar.

Only those courses that are designated by the department or school may be credited by special examination. The department or school shall administer a written examination, except in cases where mastery of techniques may be demonstrated in other formats. Applications for the exam shall be made to the University Registrar with the written permission of the head of the department or school, at least 30 days before the examination. A nonrefundable fee will be charged, and is payable in the Cashiers and Student Accounts Office.

Examinations must be taken before the last semester or 12-week summer session preceding the completion of the student's degree requirements. Students may not be tested in material for which they received high school credit, and transfer students may not extend the number of semester hours allowed in transfer by this method. Credit will not be given for a prerequisite to a course for which the student has already received credit. No examination may be given in a course for which the student has registered for audit.

No more than 12 hours may be earned toward graduation by this procedure. The School of Nursing has a special exemption to present 30 hours by the Special Examination Program. Credits earned in this manner may not be used to fulfill residency requirements.

A student must consult in advance with the faculty advisor and with the head of the department or school concerned and file evidence of having prepared for the exam. Assistance should be given to the student in developing reading lists and other source material.

Results of all examinations shall be reported to the Registrar before the first day of the next registration period. Credit, but no grade points, will be granted when the level of performance is C or better.

Average Time to Graduation

Many factors affect both the length of time and the number of credit hours an individual student will require to complete the baccalaureate degree. Full-time undergraduate students are expected to complete at least 12 hours per semester. Failure to complete an average of 15 hours per semester may lengthen the student's time to graduation. Some majors do require formal admission beyond that required for admission to the University in general.

Students should meet with their academic advisors regularly to plan their academic schedules. To graduate, students must complete specific University requirements as well as requirements within the major. Students who change majors may find that additional requirements must be fulfilled. Changing majors excessively, or after the third or fourth semester of study, may also lengthen the time to graduation.

Criteria for admission to a specific major (outlined in this *Bulletin*) and continuation in that major may include a University grade point average exceeding that required for continuation within the University as a whole. Students considering such majors should become familiar with the guidelines, and work with an academic advisor, as soon as possible to ensure that they meet the criteria.

25% Tuition Surcharge for Undergraduates

The General Assembly has instituted a twenty-five percent (25%) tuition surcharge (Section 89 (b), Senate Bill 27, 1993 Session) which became effective fall semester 1994 and applies to all new undergraduates seeking a baccalaureate degree. Specifically, it states:

"The Board of Governors of The University of North Carolina shall ensure that procedures are established that are necessary to impose a twenty-five percent (25%) tuition surcharge on students who take more than 140 degree credit hours to complete a baccalaureate degree in a four-year program or more than one hundred ten percent (110%) of the credit hours necessary to complete a baccalaureate degree in any program officially designated by the Board of Governors as a five-year program. The calculation of these credit hours taken at a constituent institution or accepted for transfer shall exclude hours earned through the College Board's Advanced Placement or CLEP examinations, through institutional advanced placement or course validation, or through summer term or extension programs."

Students Subject to the Surcharge

The tuition surcharge was applied to new undergraduate students enrolled for the first time in fall 1994 and thereafter in a degree program at UNCG as follows:

(1) For students earning a first baccalaureate degree in a program that requires no more than 128 credit hours, the surcharge shall be applied to all hours in excess of 140.

(2) For students earning a first baccalaureate degree in a UNC Board of Governors Board-approved program that requires more than 128 credit hours, the surcharge shall be applied to all hours that exceed 110 percent of the hours required for the degree. Such programs include those that have been officially designated by the Board of Governors as five-year programs as well as those involving double majors, or combined bachelor's/master's degrees.

(3) For students earning a baccalaureate degree other than their first, the surcharge shall be applied to all hours that exceed 110 percent of the **minimum** additional credit hours needed to earn the additional baccalaureate degree. The minimum additional credit hours will be determined by the degree audit during the first semester a student is enrolled in the second or other baccalaureate degree.

Students seeking a second baccalaureate degree are required to take 31 credit hours of residency at UNCG.

The surcharge will be imposed in the fall or spring semester and in all subsequent semesters where a student's cumulative credit hour total exceeds the threshold. **The surcharge does not apply to required fees.**

Hours INCLUDED in Tuition Surcharge Hours:

The undergraduate credit hours to be counted in the calculation of the tuition surcharge include:

(1) all semester (fall and spring semester) academic credit hours attempted (includes repeated course work, failed course work, and course withdrawals); and

(2) all transfer credit hours accepted by UNCG.

Hours EXCLUDED from Tuition Surcharge Hours:

(1) College Board's Advanced Placement (AP) credit;

(2) College Level Examination Program (CLEP) or similar programs' credits;

(3) credit earned through any UNCG advanced placement, course validation or similar procedure;

(4) credit earned in summer sessions at UNCG or another UNC institution; and

(5) credit earned from an extension division of any UNC institution, including UNCG.

Students will be informed of the Tuition Surcharge Hours earned each semester and cumulatively in their tuition billing.

Students may contact the Office of the University Registrar to obtain current information on their credit hours.

Steps to Graduation

By the beginning of the semester or summer session in which graduation is expected, undergraduates must officially apply for graduation to the University Registrar. Fulfillment of all requirements for the degree applied for, as well as official application for the degree, are the student's responsibilities.

Academic Requirements

Candidates for a baccalaureate degree must satisfy all of the specific requirements of UNCG and of the School/College and department in which they major. They must present for graduation the specific number of semester hours required for the degree with a minimum cumulative overall grade point average of at least 2.0 on all hours undertaken.

At least 36 of the total hours for the degree must be at the 300 level or above.

Graduation Requirements

Students must complete the specific number of semester hours required for the degree with a minimum cumulative overall grade point average of at least 2.0 on all hours undertaken; at least 36 of the total hours for the degree must be at the 300 level or above; all students must complete at least 31 hours in residence at UNCG for the degree.

Residence Requirements

All students must complete at least 31 hours in residence at UNCG for the degree, 12 of which must be in the major field and nine (9) of which must be in the minor if a minor is sought. After enrollment, Extension credit and Correspondence courses offered by UNCG are considered residence credit; however, credit earned by special examination is not considered residence credit.

Time Requirements

General Education Requirements

The following policies regard time allowed for completion of GEC and GEC + CAR requirements. The Office of Student Academic Services can provide additional details.

GEC or GEC + CAR Requirements

Students must meet the General Education or General Education and College Additional Requirements for graduation as stated in this *Undergraduate Bulletin* in effect at the time of original enrollment at UNCG. If the student fails to graduate within seven years, however, the University* has the option of enforcing

1. the original requirements, or
2. the GEC or GEC + CAR requirements in effect at the time the seven year period expired, or
3. the GEC or GEC + CAR requirements in effect at the time of re-enrollment if the student withdrew.

**Typically, the UNCG Office of Student Academic Services will make the choice among these options in consultation with the department in which the student chooses to major.*

Major Requirements

Students must meet the departmental major requirements in effect when the student declares or, if required by the department, is formally admitted to a school/college major. If the student fails to graduate within seven years, however, the University* has the option of enforcing

1. the original requirements,
2. the major requirements in effect at the time the seven year period expired, or
3. the major requirements in effect at the time of re-enrollment if the student withdrew.

**Typically, the department in which the student chooses to major will make the choice among these options in consultation with the UNCG Office of Student Academic Services.*

Application for Graduation

All undergraduate students are required to file an application for graduation with the University Registrar's Office at the beginning of the semester in which they plan to graduate. The online degree application is available via *UNCGenie*.

This application is required for processing the final degree audit and for printing diplomas. See chapter 3 for current graduation application fees. The fee is nonrefundable. The deadline dates for filing are also published each year in the University Calendar, in each semester's *Schedule of Courses* booklet, and on the University Registrar's Web site.

Students who do not graduate in the semester for which they file a graduation application must refile for the next term in which they expect to complete their degrees.

The graduation application deadlines for undergraduates filing for the 2007–08 academic year are:

For those graduating in December 2007
early deadline: Wednesday, June 20, 2007
final deadline: Monday, September 17, 2007

For those graduating in May 2008
early deadline: Friday, November 16, 2007
final deadline: Friday, January 18, 2008

For those graduating in August 2008
early deadline: Friday, April 18, 2008
final deadline: Friday, May 30, 2008

Early Deadlines

It is in the student's best interest to apply by the early graduation application deadline for the term in which requirements are to be completed. By applying early, the student receives graduation status feedback before the end of drop/add for the upcoming term.

Undergraduates who do not file applications for graduation by the published deadlines may petition to the Office of the University Registrar for an exemption. Only extremely unusual circumstances warrant exceptions to these deadlines, however, as notification of the candidates for graduation must be submitted to the Board of Trustees for official action shortly after the deadline dates for filing each term.

Graduation with Honors

The designation of graduation with honors is based on all courses (including the last semester's work) for which grades and grade points are given. Any senior is eligible for honors who, at the end of the senior year, has completed at least 45 semester hours of work in residence at UNCG. This does not include hours for which credit and grade points have been received by special examinations. Honors information printed in the commencement program is based on course work completed through the previous semester.

Honors are awarded to graduating seniors as follows:

Summa cum laude (with highest honor) achievement of a minimum grade point average of 3.90
Magna cum laude (with great honor) achievement of a minimum grade point average of 3.70
Cum laude (with honor) achievement of a minimum grade point average of 3.50

Honors for Second Degree Recipients and Transfer Students

To maintain equity with students who have attended all four years at UNCG and who may have a semester GPA that would qualify them for honors, the following policy is in place: Any second degree candidate or degree candidate who transferred to UNCG from another institution is eligible for graduation with honors who, at the end of the final year, has completed toward the degree (in the case of second degree students, toward the second degree) at least 45 semester hours of work in residence at UNCG and has earned the requisite grade point average.

Commencement Ceremonies

Commencement ceremonies are held in May and December of each year; there is no formal ceremony in August. The names of August degree recipients are printed in the December commencement program and on the University Registrar's Web site at:

www.uncg.edu/reg/DegreeFiles/index.html

Commencement Participation Policy

Approved by the Chancellor, February, 19, 2003

Students completing all degree requirements by the end of the spring semester are encouraged to participate in May Commencement. Students completing degree requirements by the end of the fall semester are encouraged to participate in the December Commencement.

Students completing degree requirements by the end of the Summer Session may participate in either the May or December commencement ceremony by applying to graduate, paying the graduation fee, and notifying the University Registrar's Office.

Please note: Degree candidates will neither earn degrees nor be graduated from the University until they have completed all degree requirements. Participation in a commencement ceremony does not presume graduation from the University.

Students who do not apply for graduation before the published deadline for any semester must apply for graduation during the next semester. Students who have applied for graduation but fail to meet the requirements must reapply for graduation by the published deadline for the semester in which they will fulfill the requirements.

Degrees are conferred only after all requirements are completed and the Board of Trustees has taken official action.

Other Regulations

Requirements for a Second Baccalaureate Degree

A student with a bachelor's degree may receive a second baccalaureate degree if it is a different degree or a different major. In such a case, all the requirements for the second degree and major as stated in the catalog which the student is entitled to follow must be met. In any case, a minimum of 31 semester hours in residence beyond requirements for the first degree must be completed.

Meeting requirements for a second major does not qualify a student to receive a second degree.

See p. 91 for an explanation of second majors.

Simultaneous Degrees

A student may receive two degrees at the same time if the requirements for both degrees are met. A minimum of 31 hours in residence beyond the requirements for the first degree must be completed (e.g., if the first degree requires 122 hours, a total of 153 hours must be completed).

Honors for Second Degree Recipients and Transfer Students

To maintain equity with students who have attended all four years at UNCG and who may have a semester GPA that would qualify them for honors, the following policy is in place: Any second degree candidate or degree candidate who transferred to UNCG from another institution is eligible for graduation with honors who, at the end of the final year, has completed toward the degree (in the case of second degree students, toward the second degree) at least 45 hours of work in residence at UNCG and has earned the requisite grade point average.

Dual Registration as Undergraduate and Graduate

Undergraduate students at UNCG who plan to undertake graduate study at UNCG, and who lack no more than 12 semester hours of work to fulfill all requirements for the bachelor's degree, may enroll in The Graduate School. Total graduate credit obtained in this dual status may not exceed 12 hours Students must apply for admission to a graduate program before requests for dual registration can be approved, but do not have to be formally admitted until the end of the semester in which credit is earned. For dual registration status, the approval of the Dean of The Graduate School and the student's major advisor are required.

Students should be advised that approval for dual registration neither guarantees nor constitutes acceptance into any graduate program.

5. University Requirements

Undergraduate Degrees & Degree Requirements

Undergraduate Degrees

UNCG offers seven baccalaureate degrees:

B.A.	Bachelor of Arts
B.F.A.	Bachelor of Fine Arts
B.M.	Bachelor of Music
B.S.	Bachelor of Science
B.S.M.T.	Bachelor of Science in Medical Technology
B.S.N.	Bachelor of Science in Nursing
B.S.W.	Bachelor of Social Work

Requirements for a Bachelor's Degree

A bachelor's degree from UNCG is awarded to a student who has met the following requirements:

1. Successful completion of a minimum of 122 semester hours, distributed as follows:
   a. General education core (GEC): 36–37 s.h. (minimum)
   b. General education marker courses (may also satisfy General Education core and/or major requirements)
   c. Additional College/School requirements
   d. Major subject and related areas: as required by program
   e. Electives: as required by program

   Total minimum s.h.: 122

2. A grade point average on the semester hours attempted of not less than 2.0

3. At least 36 s.h. of courses at the 300 course level or above

4. At least 31 s.h. in residence at UNCG, 12 of which must be in the major field and nine (9) of which must be in the minor if a minor is sought

The College of Arts and Sciences and each of the six (6) professional schools—Joseph M. Bryan School of Business and Economics; Education; Health and Human Performance; Human Environmental Sciences; Music; Nursing—have structured their individual degree programs to comply with this all-University degree framework.

Students who are undecided about their major are advised through the College of Arts and Sciences Advising Center (CASA). CASA advisors help these students determine the major program (in the College or one of the professional schools) that is best suited for them while they complete courses in the General Education Core.

Programs of study leading to the baccalaureate degree are listed in chapter 6.

Average Time to Graduation

Many factors affect both the length of time and the number of semester hours an individual student will require to complete the baccalaureate degree. At UNCG the median number of months to graduation for full time students is 46. The median number of hours completed is 125.

Full time undergraduate students are expected to complete at least 12 hours per semester. Failure to complete an average of 15 hours per semester may lengthen the student's time to graduation. Some majors do require formal admission beyond that required for admission to the University in general.

Students should meet with their academic advisors regularly to plan their academic schedules. To graduate, students must complete specific University requirements as well as requirements within the major. Students who change majors may find that additional requirements must be fulfilled. Changing majors excessively, or after the third or fourth semester of study, may also lengthen the time to graduation. Also see **Tuition Surcharge** in chapter 3.

Criteria for admission to a specific major (outlined in this Bulletin) and continuation in that major may include a University grade point average exceeding that required for continuation within the University as a whole. Students considering such majors should become familiar with the guidelines, and work with an academic advisor as soon as possible to ensure that they meet the criteria.

Changes in Degree Requirements and Other Regulations

The University reserves the right to make changes as required in course offerings, curricula, academic policies, and other rules and regulations affecting students, to be effective whenever determined by the University. These changes will govern current and formerly enrolled students. Enrollment of all students is subject to these conditions.

General Education Program

The UNCG General Education Program, approved by the UNCG Faculty Senate in March 2000, is effective for new undergraduates entering UNCG in fall 2001 and thereafter. The Speaking Intensive (SI) General Education Marker requirement became effective fall 2002.

Philosophy of UNCG's General Education Program

The faculty and staff of The University of North Carolina at Greensboro are dedicated to student learning and believe that the best evidence of this commitment is the caliber of UNCG graduates. A UNCG graduate should combine specialized education in a major with the skills, knowledge, and understanding necessary to be a lifelong learner, an ethical and independent decision maker, a critical and creative thinker, a clear and effective communicator, and a responsible citizen.

The character and abilities of an educated person are the product not solely of a specific battery of courses but of an entire process of education. The mandate to foster the knowledge, character, and sensibility of a university-educated person belongs to the entire university, not to a single department or unit. To the extent possible, learning in the General Education Core should provide foundations and alternative perspectives for the more specialized knowledge gained in the major, while learning in the major should build upon and extend the work that is done in general education courses.

Student Learning Goals

Proficiencies

A university education should result in the student's ability to gather, comprehend, and evaluate information and to communicate this knowledge. Because such skills are important to lifelong learning and participation in a modern society, graduates should demonstrate the following proficiencies:

- ability to write and speak clearly, coherently, and effectively as well as to adapt modes of communication to one's audience
- ability to interpret academic writing and discourse in a variety of disciplines
- ability to interpret numerical data and perform basic computation
- ability to locate, analyze, synthesize, and evaluate information
- ability to utilize appropriate technologies

Knowledge and Understanding

A university education should also result in knowledge and understanding of a wide range of important subject matter and ways of thinking and knowing. Such knowledge and understanding are necessary for a person to be a lifelong learner, an independent decision-maker, a critical and creative thinker, and a responsible and participating citizen. Students should acquire broad knowledge and understanding of the following:

- Scientific principles and their use in scientific inquiry
- Mathematical principles and their use in solving problems
- Historical, cultural, and philosophical traditions that have shaped our diverse society
- Significant elements of the world's diversity of cultural and national experiences, and interconnections among them
- The aims and methods of intellectual, spiritual, literary, and artistic expression
- The importance that abstract ideas and artistic expression have in the process of self-understanding and in the shaping of society
- The individual, society, and interactions between them

Habits of Mind and Attributes of Character

In addition to specified proficiencies and areas of knowledge and understanding, the university-educated person should possess certain habits of mind and attributes of character. These qualities are the consequence of a total educational experience rather than any segment of it.

- Sensitivity to social and cultural differences
- Sensitivity and attentiveness to the ethical dimensions of any problem or experience
- A disposition to weigh opposing viewpoints in the balance of reason and to develop an informed perspective
- A disposition to continue learning and to welcome new knowledge and insight (intellectual curiosity)
- Openness to the value of new social, cultural, or aesthetic forms (flexibility of mind and sensibility)
- An appreciation for the broader social, intellectual, and historical contexts of individual events and situations
- Recognition of social and intellectual responsibility

To ensure that students attain these Student Learning Goals by graduation, UNCG requires that they complete the General Education Core (GEC) requirements listed below. Other requirements and opportunities in the major program, the minor program (if any), and the total undergraduate experience build on the foundation of the GEC and contribute to the attainment of these goals. Students are thus given the opportunity to work toward each goal not just in one course, but in a series of courses and learning experiences encountered from the freshman through the senior year. Alternative ways to demonstrate competencies will be available to students with documented disabilities.

General Education Core Category/Marker Descriptions

The following are brief descriptions of the General Education Core categories and markers, their methods, and learning goals.

Humanities and Fine Arts (GLT, GFA, GPR)

Literature (GLT)

Students read and write about selected works of prose and/or poetry from diverse cultural traditions, analyzing the context, aims, and methods of literary expression.

Fine Arts (GFA)

By focusing on painting, sculpture, architecture, drama, dance, cinema, or music, students gain understanding of the aims and methods of artistic expression and the role of cultural traditions and artistic value in human society.

Philosophical/Religious/Ethical Perspectives (GPR)

For two or more significant philosophical, ethical, and/or religious traditions, students examine and compare assumptions, modes of thought, and attendant practices, and analyze their effects on behavior.

Historical Perspectives (GHP)

Students use an historical approach to a specific region and period to explore the context of events (social structure, economics, political systems, culture, or beliefs), evaluate evidence and divergent interpretations, and communicate historical ideas in writing.

Natural Sciences (GNS)

By focusing on the concepts of one physical or biological science, students gain understanding of scientific inquiry as they analyze empirical information, distinguish between primary research and secondary reports, and communicate effectively about scientific issues.

Mathematics (GMT)

Students gain the skills to perform computations on data, to use mathematical principles to solve problems, and to reason with and manipulate concepts within a mathematical system.

Reasoning and Discourse (GRD)

Students gain skills in intellectual discourse, including constructing cogent arguments, locating, synthesizing and analyzing documents, and writing and speaking clearly, coherently, and effectively.

Social and Behavioral Science (GSB)

By focusing on a particular discipline which studies the behavior of individuals, groups, or organizations, students learn to use its methodology and theoretical framework to interpret, analyze, and evaluate the broader social contexts of individual events or situations.

Markers (GL, GN, SI, WI)

Global (GL)

In a course in any subject, students focus on the interconnections among regions of the world, interpret and evaluate information on diverse ecologies, human societies, artistic achievements, or political systems, and gain sensitivity to cultural differences on a global scale.

Global Non-Western (GN)

In a course in any subject, students focus on the interconnections among regions of the world other than North America, Great Britain, and continental Europe, interpret and evaluate information on diverse ecologies, human societies, artiste achievements, or political systems, and gain sensitivity to cultural differences on a global scale.

Speaking Intensive (SI)

In a course in any subject, students receive instruction in an appropriate mode of oral communication (interpersonal or small group communication, or presentational speaking), and enhanced opportunities to practice improvement of oral communication skills.

Writing Intensive (WI)

In a course in any subject, students demonstrate their understanding of its concepts and materials through writing, using constructive criticism from readers to revise drafts and produce one or more clear, coherent, and effective written assignments appropriate to the field.

General Education Core (GEC) Requirements

I. GEC Category Requirements (36–37 total semester hours required)

Select courses as indicated from the following categories:

Category	*S.H.*
Humanities and Fine Arts	**12**
One course from Literature list (GLT)	3
One course from Fine Arts list (GFA)	3
One course from Philosophical/Religious/ Ethical Perspectives list (GPR)	3
One additional course from any of the above	3
Historical Perspectives (GHP)	**3**
One course from Historical Perspectives list	
Natural Sciences (GNS)	**6–7**
Two courses from Natural Science list as follows:	
• One must be a laboratory course.	
• Each must have a different departmental prefix.	
Mathematics (GMT)	**3**
One course from Mathematics list	
Reasoning and Discourse (GRD)	**6**
• ENG 101 or FMS 115 or RCO 101	3
• One additional course from Reasoning and Discourse list	3
Social and Behavioral Science (GSB)	**6**
Two courses from Social and Behavioral Science list	

II. GE Marker Requirements

Fulfill the following requirements:

One writing intensive course (indicated in the online *Schedule of Courses* by marker WI) in any discipline

[In addition to this GE Writing Intensive requirement, students must also complete a second Writing Intensive course within the major. The College of Arts and Sciences requires additional Writing Intensive courses; see chapter 6.]

One speaking intensive course (indicated in the online *Schedule of Courses* by marker SI) in any discipline

[In addition to this GE Speaking Intensive requirement, students must also complete a second Speaking Intensive course within the major.]

Four Global Perspectives courses (indicated in semester *Schedule of Courses* by markers GL or GN)

- At least one of the Global Perspectives courses must carry the GN (non-Western course) marker
- GL/GN courses may include a maximum of two (2) courses in a foreign language (6 s.h.)
- One GL/GN course requirement is waived for each semester completed in a credit-bearing Study Abroad experience, up to a maximum of two course waivers. A summer program abroad counts as a semester.
- A foreign language course completed to meet an admission deficiency does not meet a GL or GN requirement.

Courses used to meet the Core Category Requirements (#I above) also fulfill the Marker Requirements if the course carries the indicated marker in the online *Schedule of Courses*. Other marker courses are also available, including courses in the major. It is therefore possible to meet all GE Marker requirements while completing the courses under #I above and/or courses required for the major.

Waivers of Marker Courses for Transfer Students

For students who initially transfer to UNCG as juniors or seniors, SI and WI courses outside the major requirements and two GL/GN courses are waived. WI course requirements for students transferring to the College of Arts and Sciences are governed by policies stated in chapter 6.

III. Work toward Student Learning Goals outside the GEC

The General Education Core provides a foundation for progress toward the UNCG Student Learning Goals. These goals are then reinforced in the major and minor programs that students complete before graduation. In addition to the GEC and marker requirements described above, all bachelor's degree programs require:

- **At least one additional writing intensive course (WI) in the major**
- **At least one additional speaking intensive course (SI) in the major**
- **Proficiency level in technology as required for the major**
- **Proficiency level in information skills/research as required for the major**

General Education Core Approved Courses

The courses listed at the end of this chapter have been approved by the General Education Committee responsible for their oversight, and by the Undergraduate Curriculum Committee. See the Class Schedule in *UNCGenie* for complete General Education core and marker listings.

Writing Intensive (WI) Courses and Speaking Intensive (SI) Courses

GEC requires one WI and one SI marker course from any discipline; a second WI course and a second SI course are to be taken in the major. Please note that the College of Arts and Sciences requires additional WI courses.

Throughout the year, Writing Intensive (WI) and Speaking Intensive (SI) courses are approved for offering by the General Education Writing Intensive and Speaking Intensive Committees. Since most WI and SI courses are approved to carry the WI or SI marker only for specific instructors or only for a given term, lists of WI and SI courses are not published in the *Undergraduate Bulletin*.

Students and advisors should **always refer to the Web-based semester *Schedule of Courses* for a current, valid listing of approved Writing Intensive and Speaking Intensive courses offered in a given term.** The Web-based *Schedule* for any semester can be found at **www.uncg.edu/reg/Schedule**.

Enrollment in certain Writing Intensive and Speaking Intensive courses is restricted to majors in that program. Students should always be aware of course prerequisites and other course restrictions as stated in this Bulletin before attempting to register for a course.

General Education Credit through Study Abroad

In addition to the above listed courses, students may receive General Education Core category and marker credit for courses taken in three overseas programs offered by the University's International Programs Center. For information about these courses, contact the International Programs Center, 127 McIver Street, UNCG, 336/334-5404.

Fall Semester in Estonia
- Political System and Administration (GSB)
- Estonian History (GHP)
- Estonian Literature in Translation (GLT-GN)
- Estonian Culture (GFA)
- Ecology and Nature in Estonia (GNS)
- Economy (GSB)

Fall Semester in Finland
- Cultures and Societies of Scandinavia (GSB)
- Indigenous Cultures of the Polar Region (GN)
- Arts of Scandinavia (GFA)
- Finnish and Scandinavian Literature in Translation (GLT-GN)
- Nordic Nature and Environment (GNS)

Spring Semester in Poland
- Arts in Contemporary Poland (GFA)
- Culture and Society in Contemporary Poland (GSB)
- Evolution of Political Systems in Eastern Europe (GSB)
- History of Poland (GHP)
- Transition of Central European Countries to Market Economies (GSB)
- Polish Literature in Translation (GLT-GN)

Additional College of Arts and Sciences Requirements (CAR)

Additional General Education requirements have been established by the College of Arts and Sciences, including requirements for foreign language study and writing intensive courses. These requirements are listed in detail below.

Basic Technology Competencies

UNCG recognizes that the ability to utilize appropriate technologies is an essential proficiency for a university graduate in the twenty-first century. The University has established a list of Basic Technology Competencies in the categories of computer operation; setup; maintenance and troubleshooting; word processing; spreadsheet/graphing; library research; networking; telecommunication; use of Internet/Web; media communications; and multimedia integration. The list of these competencies is available as an online resource, and provides several means available to UNCG students for acquiring each competency, with options that include campus workshops, computer lab staff support, and Web sites. Go to **www.uncg.edu/tlc/student_competencies.html** to view and access these resources.

UNCG students are expected to use a variety of these basic technology competencies and additional competencies relevant to their fields of study. Incoming students should review the basic competencies and work to correct any deficiencies.

Information & Research Skills Competencies

In addition to basic technology skills, the acquisition of information skills and research competencies is an important Learning Goal of the General Education Program. Familiarity with library resources is essential in acquiring such skills. To assist students in this effort, UNCG's Jackson Library offers two levels of library instruction to undergraduates:

1. First-Year Undergraduates—students achieve orientation to research skills by completing the Library's Web tutorial and/or attending an instructional session in the Library.
2. Upper Division Undergraduates—students who have not achieved the objectives of library instruction for first year students use the Library's Web tutorials designed for this purpose. In addition, these students are encouraged to make an appointment with a reference librarian to seek individual assistance.

See **http://library.uncg.edu/depts/ref/libinstruction** and **http://library.uncg.edu/depts/ref/tutorial** for additional information.

Definitions of Academic Program Terminology

Undergraduate Areas of Study

Undergraduate areas of study include all majors, concentrations, teacher licensure programs, minors, and second majors that are available to UNCG students. Each area of study carries a unique code, which is used to identify the program. Students seeking a baccalaureate degree must select a primary major, and may, after consultation with an advisor, also select a minor or a second major. See chapter 10 for a listing of current Areas of Study codes.

Also refer to chapter 6, **Academic Units,** for a complete list of available areas of study and the departmental listings for specific program and degree requirements.

Major

A major is a formalized curricular program leading to a degree. Each academic unit or department establishes the course requirements for each major program, concentrations within a major, and related area requirements. All program requirements follow the general structure described below.

Concentration

A concentration is a formalized curricular sequence established to achieve a specific goal within a major.

Major Description

The following information is always included at the beginning of any program description:

1. Name of Major
2. Degree Awarded
3. Total Semester Hours Required for the Degree
4. Area of Study Codes (AOS)
5. Concentrations Available (if more than one area of study is available)

Program Admission Requirements

Special program admission and/or continuation requirements, if any, are listed immediately following the description of the major and degree. A number of programs have requirements that must be met before the student can be formally admitted to the major and permitted to take upper level courses. Such requirements usually involve completion of foundation courses, achievement of a certain GPA, and completion of a specified number of semester hours. Certain programs require portfolio review or audition for admission.

Program Course Requirements

General Education Requirements

All students completing undergraduate degrees at UNCG are required to complete General Education Core and Marker Requirements as described above.

All undergraduate programs follow General Education requirements. Most programs in the College of Arts & Sciences have requirements (CAR) in addition to the General Education requirements as described below. General Education Core and Marker requirements, including specific courses specified by the program, are listed prior to the major requirements.

Major Requirements

Major requirements include all courses that must be taken within the major department for completion of the degree. All undergraduate majors require a minimum of 27 semester hours in the major program of study.

Majors that provide students with more than one concentration or area of study within the major will usually separate the Major Requirements into Core Requirements and Additional Concentration Requirements.

A program of study taken by a student as a second major, in addition to the student's primary major, must meet all requirements as stated for that major. For example, a student pursuing English as his or her primary major who wishes to obtain a second major in French, must meet all the requirements for the English major as well as those for the French major.

Core Requirements

Core courses are those courses required of all students in the major, regardless of concentration.

Additional Concentration Requirements

Concentration requirements are additional courses required only for a specific concentration.

Related Area Requirements

A number of majors require courses from other departments or programs for completion of the degree. Such courses are listed as "Related Area" requirements following the major requirements.

Teacher Licensure Requirements

Programs that lead to teacher licensure also list teacher licensure requirements.

Second Academic Concentration Requirements for Teacher Licensure Programs

Several teacher licensure programs require students to complete a second academic concentration in addition to the primary major program. Students in teacher education programs should check with their advisors or with the Teachers Academy for available second academic concentrations. Also see **Teacher Education Programs** in this *Bulletin*.

Electives

Most programs do not specify which electives a student must take although some may make suggestions. Electives are those courses taken to complete the semester hours required for the degree after fulfilling General Education requirements and major, related and/or other program requirements.

Minors

A minor is a formalized curricular sequence taken by a student outside his or her major area of study. Programs that can be taken as minors are described following descriptions of the major and second major. A minimum of 15 semester hours in a department is required to complete an area of study as a minor. Several areas of study can be taken only as minors. See individual programs for details.

Special Curriculum Option (Plan II)

For students whose needs are not met by the formal majors and degrees offered at UNCG, a special curriculum option—called Plan II—allows students to design their own course of study in consultation with appropriate faculty.

Students desiring to pursue Plan II should be advised that there is no guarantee that their proposed program will lead to graduation until it has been fully approved. Developing a program is a time consuming process, often taking one year from initial intent to final approval. Students must file a statement of intent to pursue Plan II in the Office of Student Academic Services prior to registering for their last 45 semester hours. Required steps have been adopted by the Undergraduate Curriculum Committee for approving Plan II programs. The following is an abbreviated description of the procedures that must be followed:

1. Consult with the Director of Student Academic Services regarding general requirements and procedures. All general University requirements and minimum admission requirements for the desired departmental programs must be met by any Plan II program.
2. Select a faculty advisor with expertise in the interdisciplinary major.
3. Select another member of the faculty to serve on an advisory committee.
4. Develop a formal proposal with the committee.
5. Send proposal to Undergraduate Curriculum Committee.

Minor modifications to an approved Plan II program may be made if approved by both the faculty advisor and the Director of Student Academic Services. Other modifications require the full process outlined.

Guide to Course Descriptions

Course descriptions are comprised of the following information:

1. Course Number
2. Course Title
3. Course Credit (in parentheses)
4. Special Information, which may include:
   General Education credit
   Prerequisites and/or corequisites
   Special restrictions or other requirements
   Repeat-for-Credit notation (if course can be repeated)
   Grading Mode (if other than letter grade)
5. Description of course content
6. Frequency of offering (in parentheses); optional
7. Equivalent courses (in parentheses)

Each course description is represented by a three-letter prefix (indicating the department or program within which the course is taken) and a three-digit course number. After each course title are two (or three) numbers separated by colons which indicate semester hours credit, lecture, and laboratory hours. Following the credit indicator the following items may be listed: General Education credit; course prerequisites or corequisites; special restrictions or requirements; repeat-for-credit information if the course can be repeated for credit; and grading mode if the course is graded other than by letter grade. The course description itself may be followed by frequency of offering information. Explanations of each of these topics follows.

Course Prefixes

The following is a listing of current graduate and undergraduate course prefixes.

ACC	Accounting
AFS	African American Studies
APD	Apparel Product Design
ART	Art
AST	Astronomy
ATY	Anthropology
BCN	Broadcasting & Cinema
BIO	Biology
BLS	Humanities—Liberal Studies
BUS	Business Administration
CCI	Classical Civilization
CED	Counseling & Educational Development
CHE	Chemistry & Biochemistry
CHI	Chinese
CNR	Conflict Resolution
CRS	Consumer, Apparel, & Retail Studies
CSC	Computer Science
CSD	Communication Sciences & Disorders
CST	Communication Studies
CUI	Curriculum & Instruction
DCE	Dance
ECO	Economics
EDU	Education/Teachers Academy

ELC	Educational Leadership & Cultural Foundations
ENG	English
ENV	Environmental Studies
ERM	Educational Research Methodology
ESS	Exercise & Sport Science
FIN	Finance
FMS	Freshman Seminars Program
FRE	French
GEN	Genetic Counseling
GEO	Geography
GER	German
GRK	Greek
GRO	Gerontology
HDF	Human Development & Family Studies
HEA	Public Health
HHP	Health & Human Performance
HIS	History
HSS	Honors Programs
HTM	Hospitality & Tourism Management
IAR	Interior Architecture
IGS	International & Global Studies
ISM	Information Systems & Operations Management
ITA	Italian
JNS	Japanese Studies
LAT	Latin
LIN	Linguistics
LIS	Library & Information Studies
MAT	Mathematics
MBA	Master of Business Administration
MGT	Management
MKT	Marketing
MLS	Master of Arts in Liberal Studies
MUS	Music
NTR	Nutrition
NUR	Nursing
PHI	Philosophy
PHY	Physics
POR	Portuguese
PSC	Political Science
PSY	Psychology
RCO	Residential College
RCS	Retailing & Consumer Studies
REL	Religious Studies
RPM	Recreation & Parks Management
RUS	Russian
SAS	Student Academic Services
SCM	Supply Chain Management
SEP	Spartan Experience Program
SES	Specialized Education Services
SOC	Sociology
SPA	Spanish
STA	Statistics
STR	Strong College
SWK	Social Work
THR	Theatre
UNS	University Studies
WCV	Western Civilization
WGS	Women's & Gender Studies

Course Type/Instructional Delivery Mode

Courses at UNCG may be offered in several formats, based on the mode in which the course is taught or instruction delivered. The type of course is reflected in the credit structure as well as being detailed in the course description. The semester *Schedule of Courses* also indicates a course's type or delivery mode.

Lecture/Seminar Courses

A lecture course consists of classes that meet weekly for a specified number of hours; instruction is delivered in a lecture or seminar setting. The semester hour structure of the course is expressed by two numbers, such as (3:3), where the first number indicates that the course carries three semester hours of credit and the second number indicates that the course meets for three lecture/seminar hours per week.

Laboratory/Studio/Practice Courses

Such courses, which meet weekly, may combine a lecture component with a laboratory/studio/practice component, or may consist of a lab/studio/practice session only.

In a combined lecture and lab/studio course, class sessions usually meet at different times and are detailed in the *Schedule of Courses* for each semester. The credit structure for such courses is always expressed by three numbers, such as (3:2:3), where the first number represents the semester hours credit, the second number represents the number of lecture/seminar hours the course meets per week, and the final number, the lab/studio hours required by the course each week.

A course that is comprised of a lab/studio/practice component only will be expressed by the following credit structure: (1:0:3), where the course receives 1 semester hour of credit, has no lecture component, and meets for three hours a week in a lab/studio/practice environment.

Web-Based Courses

Web-based courses are delivered via the Internet, totally or in combination with more conventional formats such as in-person lectures and/or labs. Web-based courses are denoted as such in the semester *Schedule of Courses*.

Service-Learning Courses

The University defines Academic Service-Learning as a teaching method that links community action and academic study so that each strengthens the other. Students, faculty, and community partners collaborate to enable students to address community needs, initiate social change, build effective relationships, enhance academic skills, and develop civic literacy. Service-Learning encourages critical consideration of the ethical dimensions of community engagement. Service-Learning courses are identified by the SVL course type in the semester *Schedule of Courses*.

Experimental Courses

An experimental course is a regular academic credit course offered once or twice on an experimental basis through an established academic program. Such a course is

intended to accommodate the expertise of a visiting faculty member or to allow faculty to test a course within the UNCG academic community. An experimental course is always denoted as such by including "Experimental Course" in the title, abbreviated to "Exp Crs" in the course schedule and on the academic transcript.

Practicum/Internship Courses

A practicum/internship course is usually an upper level course, involving a career-related learning experience of limited duration in which an individual takes on responsible roles outside of the traditional university environment where training and supervision are included: in a nonprofit organization, a government office, or a private, for-profit business. An internship may last for a month, several months, or a year; be paid or voluntary; be taken for academic credit or not; be full-time or part-time.

An example of a practicum/internship credit structure is (6:1:20), which indicates the course is taken for six (6) semester hours credit, has an on-campus seminar or lecture component that meets for 1 hour a week, and requires the student to spend approximately 20 hours weekly in the field at the off-campus site.

Course Type Abbreviations

ACT Activity
CDR CD-Rom
CLN Clinical
COL Colloquium
CON Conversational Language Course
CTV Cable TV
DIS Dissertation
DSC Discussion
DVD Digital Video Disk
ENS Ensemble
IND Independent Study
INT Internship
LAB Laboratory
LEC Lecture
LEL Lecture & Lab
PRC Practicum
PRF Performance
RES Research
SAB Study Abroad Course
SEM Seminar
STL Studio and Lecture
STO Studio/Other
STT Student Teaching
STU Studio
SVL Service-Learning
THS Thesis
TUT Tutorial
VCF Video Conference
VCR Videotape
WEB [1]Web-based *(Course is taught via the Internet)*
WLB [1]Web and lab *(Course is taught via the Internet and has a lab component)*
WLC [1]Web and lecture *(Course is taught via face-to-face lecture and over the Internet)*
WLL [1]Web, lecture, and lab *(Course requirements include face-to-face lectures, lab sessions, and an Internet component)*
WLS [1]Web, lecture, and studio *(Used primarily for Dance courses)*
WTX [1]Web with on-campus tests and examinations *(Used primarily for Math courses)*
OTH Other

[1]Web interaction involves more than the placement of the course syllabus on the instructor's Web site. The course is defined as asynchronous instruction where the instructor and student are separated by time and space. Interaction in these courses is primarily through discussion forums, bulletin board postings, e-mail, and chat room discussions.

Course Numbers and Levels

Course level numbers are structured as follows:

100–199—intended primarily for freshmen
200–299—intended primarily for sophomores
300–399—intended primarily for juniors
400–499—intended primarily for seniors
500–599—intended for advanced undergraduates and graduate students; these courses are not open to freshmen and sophomores
600–749—registration restricted to students who are classified as graduate students
750–799—registration restricted to students admitted to doctoral programs

Undergraduates are reminded that a minimum of 36 semester hours must be completed at the 300 level or above to meet graduation requirements.

Course descriptions for graduate-level courses (600 and 700 level) are printed in *The Graduate School Bulletin*.

Course Credit Hours

Course credit, or semester, hours are indicated in parentheses immediately following the course title. The first figure indicates the number of semester hour credits awarded for the course. The second and third figures indicate the number of lecture/seminar and laboratory/studio/practice hours normally scheduled each week during the semester in the course.

For example, (3:2:3) indicates the course carries three semester hour credits, meets for two lecture/seminar hours and three laboratory/studio hours each week.

When only two figures appear in the parentheses, there are no laboratory or studio hour requirements. For example, (3:3) indicates that the course carries three semester hour credits and meets for three lecture/seminar hours per week.

Graduate courses and certain other courses may have only one figure enclosed in parentheses, which indicates only the number of semester hours credit given.

Normally, a class period is 50 minutes in length for each semester hour given.

Two course numbers separated by a comma indicate a sequence of two courses with closely related content.

General Education Requirement Abbreviations

Courses approved as meeting requirements in the general education core or marker areas are indicated by one of the following abbreviations following the course title and credit:

GEC Category Abbreviations

GLT	Literature
GFA	Fine Arts
GPR	Philosophical/Religious/Ethical Perspectives
GHP	Historical Perspectives on Western Culture
GMT	Mathematics
GNS	Natural Sciences
GRD	Reasoning and Discourse
GSB	Social and Behavioral Sciences

GE Marker Abbreviations

GL	Global Perspectives
GN	Global Non-Western Perspectives
SI	Speaking Intensive
WI	Writing Intensive

College's Additional Requirements (CAR) Abbreviations

GPM	Historical Perspectives—Western—Premodern
GMO	Historical Perspectives—Western—Modern
GLS	Natural Sciences—Life Science
GPS	Natural Sciences—Physical Science
GFL	Foreign Language

Course Prerequisites/Corequisites

A prerequisite is a course that must be completed before another course may be taken. A corequisite is a course that must be taken concurrently with another course. Prerequisites and corequisites are indicated after the course title and credit by *Pr.* or *Coreq.* followed by the requirements that must be met before that course may be taken.

A student may not enroll in a course without having completed the proper prerequisites unless these prerequisites have been waived by the head of the department in which the course is offered.

Other Course Restrictions

Some courses carry additional restrictions (Freshmen only; Majors only; etc.). Such restrictions are highlighted following the listing of any course prerequisites.

Grading Method

Courses are graded by letter grade (A–F) unless otherwise noted in the course description. If a course is graded other than by letter grade, this information is stated after the prerequisite listing. Also see section on **Grading** in chapter 4.

Pass/Not Pass Courses

The following undergraduate/advanced undergraduate courses are graded P/NP (Pass/Not Pass) or S/U (Satisfactory/Unsatisfactory) and are so noted in their descriptions:

BCN 196, 496, 499; BUS 105B; CED 506; CSC 312; CSD 219, 476, 571; CUI 461, 462, 506; DCE 250, 365, 461; ELC 506; ESS 461, 462, 471, 522; FRE 210; GER 291; GRK 150; HEA 426, 428; HSS 299; ISM 411; ITA 210; LAT 198, 199; MUS 090, 091, 479; NUR 425, 435, 440; PHY 401; RPM 315, 417; RUS 101L, 102L; SAS 100; SPA 100

Repeat-for-Credit Notation

Some courses may be repeated for credit under special circumstances. Such information is highlighted following the listing of any prerequisites.

Course Description

The description of a course is necessarily brief and is intended to give students a concise overview of course content. A course syllabus, which contains complete details about a course's content and requirements, may be obtained from the department or instructor.

Frequency of Course Offering

Many courses indicate the semester(s) in which they are usually offered. This information is indicated in parentheses at the end of the course description as follows:

(Fall & Spring)—course usually offered both fall and spring semesters.

(Fall & Spring & Summer)—course usually offered fall and spring semesters and summer session.

(Fall or Spring)—course usually offered either fall or spring semesters.

(Fall or Spring or Summer)—course may be offered fall semester, or spring semester, or summer session.

(Fall or Spring or Winter)—course may be offered fall semester, or spring semester, or winter session.

(Fall)—course usually offered fall only.

(Spring)—course usually offered spring only.

(Summer)—course usually offered summer only.

(Alt)—course usually offered only in alternate semesters or years.

(Even, Odd)—course usually offered in even or odd semesters or years.

(Occ)—course offered occasionally.

Students should also be aware that regularly scheduled undergraduate classes for which fewer than ten students enroll (or graduate classes for which fewer than five students enroll) will be offered only with special approval of the Provost. If enrollment does not justify continuation of a class, the class may not be offered that semester.

Equivalent Course Credit/Cross-listed Courses

A number of undergraduate courses have course content that is considered equivalent to other similar courses. Each semester a number of courses are cross-listed with courses taught in a different department. Ordinarily students can take only one of such cross-listed courses for credit. Cross-listed courses are indicated in parentheses following a course description ("Same as . . . "). Students should be aware of such equivalencies before registering in order to avoid taking a course for which they will not receive additional credit.

General Education Core Courses by Category

Courses listed below may also carry SI or WI markers for a given semester. See the Class Schedule in *UNCGenie* for complete General Education core and marker listings. For an alphabetical list by course prefix, see p. 77.

Humanities and Fine Arts

GEC requires 12 semester hours: one course from each category (GLT, GFA, and GPR), and one additional course from any of the three categories.

Literature (GLT)

COURSE	TITLE	GE CORE	CAR	GLOBAL	GLOBAL/NW	LAB
CCI 227	Comparative Studies in World Epics	GLT		GL		
CCI 228	Comparative Studies in World Drama	GLT		GL		
CCI 305	Classical Tragedy	GLT		GL		
CCI 324	The Age of Cicero	GLT		GL		
CCI 325	The Age of Augustus	GLT		GL		
CCI 326	The Age of Nero	GLT		GL		
ENG 104	Approach to Literature	GLT				
ENG 105	Introduction to Narrative	GLT				
ENG 106	Introduction to Poetry	GLT				
ENG 107	Introduction to Drama	GLT				
ENG 108	Topics in British and American Literature	GLT				
ENG 109	Introduction to Shakespeare	GLT				
ENG 110	World Literature in English	GLT		GL		
ENG 201	European Literary Classics: Ancient to Renaissance	GLT		GL		
ENG 202	European Literary Classics: Enlightenment to Modern	GLT		GL		
ENG 204	Non-Western Literary Classics	GLT			GN	
ENG 208	Topics in Global Literature	GLT		GL		
ENG 209	Topics in Non-Western Literature	GLT			GN	
ENG 210	Literature and the Arts	GLT				
ENG 211	Major British Authors: Medieval to Neoclassical	GLT				
ENG 212	Major British Authors: Romantic to Modern	GLT				
ENG 251	Major American Authors: Colonial to Romantic	GLT				
ENG 252	Major American Authors: Realist to Modern	GLT				
ENG 315	Postcolonial Literatures	GLT				
ENG 331	Women in Literature	GLT				
ENG 339	Shakespeare: Early Plays and Sonnets	GLT				
ENG 340	Shakespeare: Later Plays	GLT				
ENG 371	Literary Study of the Bible	GLT		GL		
FMS 120	Freshman Seminar in Literature	GLT				
FMS 121	Freshman Seminar in Literature—Global Perspectives	GLT		GL		
FMS 122	Freshman Seminar in Literature—Global Non-Western Perspectives	GLT			GN	
FRE 222	Explorations in French Literature: English Versions	GLT		GL		
FRE 323	Albert Camus: English Versions	GLT		GL		
FRE 353	Survey of French Literature	GLT				
GER 217	Masterworks of German Literature Read in English	GLT		GL		
GER 218	Masterworks of German Literature Read in English	GLT		GL		
HSS 107	First-Year Seminar in Literature	GLT				
HSS 117	First-Year Seminar in Literature	GLT			GN	

General Education Core Courses by Category

Literature (GLT), continued . . .

COURSE	TITLE	GE CORE	CAR	GLOBAL	GLOBAL/NW	LAB
HSS 127	First-Year Seminar in Literature	GLT		GL		
HSS 207	Seminar in Literature	GLT				
HSS 217	Seminar in Literature	GLT			GN	
HSS 227	Seminar in Literature	GLT		GL		
RCO 220–229	Residential College Seminars in Literature	GLT				
RCO 280–289	Residential College Seminars in Literature	GLT				
RUS 201	Russian Literature in Translation	GLT			GN	
RUS 313	Major Authors in Russian Literature	GLT			GN	
RUS 314	Major Movements in Russian Literature and Culture	GLT			GN	
SPA 222	Hispanic Masterpieces in English Translation	GLT		GL		
SPA 351	Approaches to Hispanic Literature	GLT		GL		
SPA 402	Spanish Literature I	GLT		GL		
SPA 403	Spanish Literature II	GLT		GL		
SPA 404	Spanish American Literature I	GLT			GN	
SPA 405	Spanish American Literature II	GLT			GN	
THR 500	Theatre History I	GLT				
THR 501	Theatre History II	GLT				

Fine Arts (GFA)

COURSE	TITLE	GE CORE	CAR	GLOBAL	GLOBAL/NW	LAB
ART 100	Introduction to Art	GFA				
ART 101	Survey of Western Art	GFA				
ART 103	Survey of Visual Art in Non-Western Traditions	GFA			GN	
BCN 101	The Development of the Cinema	GFA				
BCN 225	Masterpieces of Cinema	GFA				
BCN 226	Masterpieces of Television Drama	GFA				
CCI 306	Classical Comedy	GFA		GL		
CCI 312	The Art and Archaeology of Egypt	GFA			GN	
DCE 101	Introduction to Dance	GFA				
DCE 200	Dance Appreciation	GFA		GL		
FMS 130	Freshman Seminar in Fine Arts	GFA				
FMS 131	Freshman Seminar in Fine Arts—Global Perspectives	GFA		GL		
FMS 132	Freshman Seminar in Fine Arts—Global Non-Western Perspectives	GFA			GN	
HSS 105	First-Year Seminar in the Fine Arts	GFA				
HSS 115	First-Year Seminar in the Fine Arts	GFA			GN	
HSS 125	First-Year Seminar in the Fine Arts	GFA		GL		
HSS 205	Seminar in the Fine Arts	GFA				
HSS 215	Seminar in the Fine Arts: Global Non-Western	GFA			GN	
HSS 225	Seminar in the Fine Arts	GFA		GL		
IAR 221	History and Theory of Design I	GFA		GL		
IAR 222	History and Theory of Design II	GFA		GL		
IAR 321	Design Perspectives	GFA		GL		
MUS 214	Jazz Appreciation	GFA				

General Education Core Courses by Category

Fine Arts (GFA), continued . . .

Course	Title	GE Core	CAR	Global	Global/NW	Lab
MUS 241	Music Appreciation	GFA		GL		
MUS 329	History of Rock Music	GFA				
MUS 332	History of Western Music II	GFA				
RCO 230–239	Residential College Seminars in Fine Arts	GFA				
THR 100	Drama Appreciation	GFA				
THR 130	Fundamentals of Acting	GFA				
THR 305	Development of American Musical Theatre	GFA				
THR 323	The Arts as Human Experience	GFA				
THR 502	Theatre History III	GFA				

Philosophical/Religious/Ethical Perspectives (GPR)

Course	Title	GE Core	CAR	Global	Global/NW	Lab
CCI 205	Mythology	GPR		GL		
CCI 321	The Archaic Age	GPR		GL		
CCI 340	Ancient Cosmology	GPR		GL		
CCI 350	Roman Law and Society	GPR		GL		
FMS 140	Freshman Seminar in Philosophical, Religious, and Ethical Principles	GPR				
FMS 141	Freshman Seminar in Philosophical, Religious, and Ethical Principles —Global Perspectives	GPR		GL		
FMS 142	Freshman Seminar in Philosophical, Religious, and Ethical Principles —Global Non-Western Perspectives	GPR			GN	
HSS 106	First-Year Seminar in Philosophical/Religious/Ethical Principles	GPR				
HSS 116	First-Year Seminar in Philosophical/Religious/Ethical Principles	GPR			GN	
HSS 126	First-Year Seminar in Philosophical/Religious/Ethical Principles	GPR		GL		
HSS 206	Seminar in Philosophical/Religious/Ethical Principles	GPR				
HSS 216	Seminar in Philosophical/Religious/Ethical Principles	GPR			GN	
HSS 226	Seminar in Philosophical/Religious/Ethical Principles	GPR		GL		
MUS 135	Introduction to Musicology	GPR			GN	
MUS 343	Music Cultures of the World	GPR			GN	
PHI 111	Introduction to Philosophy	GPR				
PHI 119	Introduction to Ethics	GPR				
PHI 121	Contemporary Moral Problems	GPR				
PHI 220	Medical Ethics	GPR				
PHI 331	Social and Political Philosophy	GPR				
PHI 336	Philosophy of Crime and Punishment	GPR				
PHI 338	Ethics and International Affairs	GPR				
PHI 359	Philosophy of Religion	GPR				
PHI 361	Ethical Issues in Business	GPR			GN	
PSC 105	Political Issues	GPR				
PSC 270	Introduction to Political Theory	GPR				
PSY 380	Psychology and the Law	GPR				
RCO 210–219	Residential College Seminars in Philosophical, Religious, and Ethical Principles	GPR				

General Education Core Courses by Category

Philosophical/Religious/Ethical Perspectives (GPR), continued . . .

Course	Title	GE Core	CAR	Global	Global/NW	Lab
REL 101	Introduction to Religious Studies	GPR		GL		
REL 104	Religion, Ritual, and the Arts	GPR		GL		
REL 109	Religion and Contemporary Culture	GPR				
REL 111	Non-Western Religion	GPR			GN	
REL 201	The Bible in Western Culture	GPR		GL		
REL 207	Modern Problems of Belief	GPR				
REL 209	Elements of Christian Thought	GPR		GL		
REL 218	Non-Western Religions: China	GPR			GN	
REL 220	Non-Western Religions: Japan	GPR			GN	
REL 221	Buddhism	GPR			GN	
REL 223	Hinduism	GPR			GN	
REL 225	Islam	GPR			GN	
REL 232	American Religious Thought: A Survey	GPR				
REL 250	Religious Traditions and Care of Earth	GPR			GN	
REL 251	Topics in Religious Social Ethics	GPR				
REL 258	Darwin, Evolution, and Human Nature	GPR				
REL 259	Philosophy of Religion	GPR				
REL 327	American Religious Thought II: The Romantic Tradition	GPR				
WGS 350	Introduction to Feminist Theories	GPR				

Historical Perspectives—Western Culture (GHP)

GEC requires one GHP course (3 s.h.).

Course	Title	GE Core	CAR	Global	Global/NW	Lab
AFS 201	Introduction to African American Studies	GHP	GMO			
CCI 201	Introduction to Greek Civilization	GHP	GPM	GL		
CCI 202	Introduction to Roman Civilization	GHP	GPM	GL		
CCI 211	Introduction to Greek Archaeology	GHP	GPM	GL		
CCI 212	Introduction to Roman Archaeology	GHP	GPM	GL		
CCI 220	The Ancient World	GHP	GPM			
CCI 240	Ancient Warfare	GHP	GPM			
CRS 372	Survey of Historic Costume	GHP	GMO			
FMS 150	Freshman Seminar in Historical Perspectives: Premodern	GHP	GPM			
FMS 151	Freshman Seminar in Historical Perspectives: Premodern—Global Perspectives	GHP	GPM	GL		
FMS 152	Freshman Seminar in Historical Perspectives: Premodern—Global Non-Western Perspectives	GHP	GPM		GN	
FMS 160	Freshman Seminar in Historical Perspectives: Modern	GHP	GMO			
FMS 161	Freshman Seminar in Historical Perspectives: Modern—Global Perspectives	GHP	GMO	GL		
FMS 162	Freshman Seminar in Historical Perspectives: Modern—Global Non-Western Perspectives	GHP	GMO		GN	
HIS 203	History of Africa to 1870	GHP	GPM		GN	
HIS 204	History of Africa since 1870	GHP	GMO		GN	
HIS 211	The United States: A General Survey to 1865	GHP	GMO			
HIS 212	The United States: A General Survey since 1865	GHP	GMO			

General Education Core Courses by Category

Historical Perspectives—Western Culture (GHP), continued . . .

Course	Title	GE Core	CAR	Global	Global/NW	Lab
HIS 215	The Civilizations of Asia	GHP	GPM		GN	
HIS 216	The Civilizations of Asia	GHP	GMO		GN	
HIS 217	The World in the Twentieth Century	GHP	GMO		GN	
HIS 218	The World in the Twentieth Century	GHP	GMO		GN	
HIS 220	The Ancient World	GHP	GPM			
HIS 221	Medieval Legacy	GHP	GPM	GL		
HIS 222	Europe 1400–1789	GHP	GPM	GL		
HIS 223	Modern Europe	GHP	GMO	GL		
HIS 239	Latin America: Colonial Period	GHP	GMO		GN	
HIS 240	Latin America: National Period	GHP	GMO		GN	
HIS 251	The History of Western Science: A Survey	GHP	GPM			
HIS 252	The History of Western Science: A Survey	GHP	GMO			
HIS 301	Race and Slavery	GHP	GMO			
HIS 302	Race and Segregation	GHP	GMO			
HIS 311	Darwin and the Theory of Evolution	GHP	GMO			
HIS 327	American Cultural History	GHP	GMO			
HIS 335	The American Colonial Period, 1607–1763	GHP	GMO			
HIS 336	The Age of the Democratic Revolution, 1764–1789	GHP	GMO			
HIS 360	The Structure of Scientific Change: Topics in the History of Science	GHP	GMO			
HIS 369	History of Spain	GHP	GPM	GL		
HIS 371	Europe since World War I	GHP	GMO	GL		
HIS 373	English History to 1660	GHP	GPM			
HIS 374	British History 1688–Present	GHP	GMO			
HIS 381	The Near and Middle East	GHP	GMO		GN	
HSS 101	First-Year Seminar in Historical Perspectives: Premodern	GHP	GPM			
HSS 102	First-Year Seminar in Historical Perspectives: Modern	GHP	GMO			
HSS 111	First-Year Seminar in Historical Perspectives: Premodern	GHP	GPM		GN	
HSS 112	First-Year Seminar in Historical Perspectives: Modern	GHP	GMO		GN	
HSS 121	First-Year Seminar in Historical Perspectives: Premodern	GHP	GPM	GL		
HSS 122	First-Year Seminar in Historical Perspectives: Modern	GHP	GMO	GL		
HSS 201	Seminar in Historical Perspectives: Premodern	GHP	GPM			
HSS 202	Seminar in Historical Perspectives: Modern	GHP	GMO			
HSS 211	Seminar in Historical Perspectives: Premodern	GHP	GPM		GN	
HSS 212	Seminar in Historical Perspectives: Modern	GHP	GMO		GN	
HSS 221	Seminar in Historical Perspectives: Premodern	GHP	GPM	GL		
HSS 222	Seminar in Historical Perspectives: Modern	GHP	GMO	GL		
MUS 331	History of Western Music I	GHP	GPM			
MUS 434	American Music	GHP	GMO			
PHI 251	History of Ancient Philosophy	GHP	GPM	GL		
PHI 252	History of Modern Philosophy	GHP	GMO	GL		
RCO 108	Residential College Core Course: The American Experience through 1890 (GHP, GLT, GPR, or GSB), etc.	GHP	GPM			
RCO 109	Residential College Core Course: The American Experience through 1890 (GHP, GLT, GPR, or GSB), etc.	GHP	GMO			

General Education Core Courses by Category

Historical Perspectives—Western Culture (GHP), continued . . .

COURSE	TITLE	GE CORE	CAR	GLOBAL	GLOBAL/NW	LAB
RCO 208	Residential College Core Course: The American Experience 1900 to present (GHP, GLT, GPR, or GSB), etc.	GHP	GPM			
RCO 209	Residential College Core Course: The American Experience 1900 to present (GHP, GLT, GPR, or GSB), etc.	GHP	GMO			
RCO 240–244	Historical Perspectives of Western Culture	GHP	GPM			
RCO 245–249	Historical Perspectives of Western Culture	GHP	GMO			
REL 202	Hebrew Scriptures	GHP	GPM			
REL 204	New Testament and the Origins of Christianity	GHP	GPM	GL		
REL 210	Christianity to the Reformation	GHP	GPM	GL		
REL 212	Christianity from the Reformation to the Present	GHP	GMO	GL		
REL 215	Judaism	GHP	GPM	GL		
REL 229	Introduction to African American Religions	GHP	GMO			
REL 231	Religion in America	GHP	GMO			
REL 240	Modern Jewish Thought	GHP	GMO	GL		
WCV 101	Western Civilization	GHP	GPM	GL		
WCV 102	Western Civilization	GHP	GMO	GL		
WGS 333	Women in Non-Western Cultures	GHP	GMO		GN	

Mathematics (GMT)

GEC requires one GMT course (3 s.h.).

COURSE	TITLE	GE CORE	CAR	GLOBAL	GLOBAL/NW	LAB
FMS 195	Freshman Seminar in Mathematics	GMT				
MAT 112	Contemporary Topics in Math	GMT				
MAT 115	College Algebra	GMT				
MAT 120	Calculus for Business and the Social Sciences	GMT				
MAT 150	Precalculus I	GMT				
MAT 151	Precalculus II	GMT				
MAT 191	Calculus I	GMT				
RCO 110–119	Residential College Seminars in Mathematics	GMT				
STA 108	Elementary Introduction to Probability and Statistics	GMT				

Natural Sciences (GNS)

GEC requires two GNS courses (6–7 s.h.):

- each must have a different departmental prefix
- one must be a laboratory course

COURSE	TITLE	GE CORE	CAR	GLOBAL	GLOBAL/NW	LAB
AST 203	Conceptual Astronomy	GNS	GPS			
AST 209	Astronomy: The Solar System	GNS	GPS			
AST 235	Astronomy: Stars and Galaxies	GNS	GPS			
ATY 253	Introduction to Physical Anthropology	GNS	GLS			
ATY 253L	Introduction to Physical Anthropology Lab					L
BIO 105	Major Concepts of Biology	GNS	GLS			
BIO 105L	Major Concepts of Biology Laboratory	GNS	GLS			L
BIO 111	Principles of Biology I	GNS	GLS			L
BIO 112	Principles of Biology II	GNS	GLS			L

General Education Core Courses by Category

Natural Sciences (GNS), continued . . .

Course	Title	GE Core	CAR	Global	Global/NW	Lab
CHE 101	Introductory Chemistry (formerly 106)	GNS	GPS			
CHE 103	General Descriptive Chemistry I	GNS	GPS			
CHE 104	General Descriptive Chemistry II	GNS	GPS			
CHE 110	Introductory Chemistry Laboratory	GNS	GPS			L
CHE 111	General Chemistry I	GNS	GPS			
CHE 112	General Chemistry I Laboratory	GNS	GPS			L
CHE 114	General Chemistry II	GNS	GPS			
CHE 115	General Chemistry II Laboratory	GNS	GPS			L
FMS 183	Freshman Seminar in Physical Science	GNS	GPS			
FMS 183L	Freshman Seminar in Physical Science Laboratory	GNS	GPS			L
FMS 184	Freshman Seminar in Life Science	GNS	GLS			
FMS 184L	Freshman Seminar in Life Science Laboratory	GNS	GLS			L
GEO 103	Introduction to Earth Science	GNS	GPS			
GEO 106	Geosystems Science	GNS	GPS			
GEO 106L	Geosystems Science Laboratory	GNS	GPS			L
GEO 111	Physical Geology	GNS	GPS			
GEO 111L	Physical Geology Laboratory	GNS	GPS			L
GEO 121	Introduction to Geographic Information Science	GNS	GPS			
GEO 311	Weather and Climate	GNS	GPS			
GEO 311L	Climatology Laboratory	GNS	GPS			L
GEO 314	Physical Geography: Landscape Processes	GNS	GPS			
GEO 314L	Physical Geography Laboratory	GNS	GPS			L
HSS 103	First-Year Seminar in the Physical Sciences	GNS	GPS			
HSS 104	First-Year Seminar in the Life Sciences	GNS	GLS			
HSS 113	First-Year Seminar in the Physical Sciences	GNS	GPS		GN	
HSS 114	First-Year Seminar in the Life Sciences	GNS	GLS		GN	
HSS 123	First-Year Seminar in the Physical Sciences	GNS	GPS	GL		
HSS 124	First-Year Seminar in the Life Sciences	GNS	GLS	GL		
HSS 203	Seminar in the Physical Sciences	GNS	GPS			
HSS 204	Seminar in the Life Sciences	GNS	GLS			
HSS 213	Seminar in the Physical Sciences	GNS	GPS		GN	
HSS 214	Seminar in the Life Sciences	GNS	GLS		GN	
HSS 223	Seminar in the Physical Sciences	GNS	GPS	GL		
HSS 224	Seminar in the Life Sciences	GNS	GLS	GL		
NTR 213	Introductory Nutrition	GNS	GLS			
PHY 205	Conceptual Physics	GNS	GPS			
PHY 205L	Conceptual Physics Laboratory	GNS	GPS			L
PHY 211	General Physics I	GNS	GPS			L
PHY 211A	General Physics I	GNS	GPS			L
PHY 212	General Physics II	GNS	GPS			L
PHY 212A	General Physics II	GNS	GPS			L
PHY 291	General Physics I with Calculus	GNS	GPS			L
PHY 292	General Physics II with Calculus	GNS	GPS			L

General Education Core Courses by Category

Natural Sciences (GNS), continued . . .

COURSE	TITLE	GE CORE	CAR	GLOBAL	GLOBAL/NW	LAB
PSY 230	Biological Psychology	GNS	GLS			
RCO 250–254	Residential College Seminars in Natural Science	GNS	GLS			
RCO 255–259	Residential College Seminars in Natural Science	GNS	GPS			

Reasoning and Discourse (GRD)

GEC requires two GRD courses (6 s.h.).

Note: ENG 101, FMS 115, and RCO 101 are considered equivalent courses, and only one may be taken for credit. Additionally, ENG 102, FMS 116, and RCO 102 are considered equivalent courses, and only one may be taken for credit.

COURSE	TITLE	GE CORE	CAR	GLOBAL	GLOBAL/NW	LAB
CCI 102	The Classical Art of Persuasion	GRD		GL		
CST 105	Introduction to Communication Studies	GRD				
ENG 101	English Composition I	GRD				
ENG 101N	English Composition I	GRD				
ENG 102	English Composition II	GRD				
FMS 115	Freshman Seminar in Reasoning and Discourse I	GRD				
FMS 116	Freshman Seminar in Reasoning and Discourse II	GRD				
PHI 115	Practical Reasoning	GRD				
PHI 310	Introduction to Formal Logic	GRD				
PSY 318	Belief in "Weird" Things	GRD				
RCO 101	English Composition I	GRD				
RCO 102	English Composition II	GRD				

Social and Behavioral Sciences (GSB)

GEC requires two GSB courses (6 s.h.).

COURSE	TITLE	GE CORE	CAR	GLOBAL	GLOBAL/NW	LAB
AFS 210	Blacks in American Society: Social, Economic, and Political Perspectives	GSB				
ATY 100	Contemporary Non-Western Cultures	GSB			GN	
ATY 212	General Anthropology	GSB			GN	
ATY 213	Cultural Anthropology	GSB			GN	
ATY 258	World Prehistory	GSB			GN	
BCN 325	Gender and Media Culture	GSB				
CRS 321	Social Psychology of Dress	GSB				
ECO 101	Introduction to Economics	GSB				
ECO 201	Principles of Microeconomics	GSB				
ECO 202	Principles of Macroeconomics	GSB				
ENG 262	Sociolinguistics	GSB				
ESS 330	Sociocultural Analyses of Sport and Exercise	GSB				
FMS 170	Freshman Seminar in Social and Behavioral Studies	GSB				
FMS 171	Freshman Seminar in Social and Behavioral Studies —Global Perspectives	GSB		GL		
FMS 172	Freshman Seminar in Social and Behavioral Studies —Global Non-Western Perspectives	GSB			GN	
GEO 105	Cultural Geography	GSB			GN	
GEO 301	Urban Geography: Global Patterns	GSB		GL		
GEO 306	World Economic Geography	GSB		GL		

General Education Core Courses by Category

Social and Behavioral Sciences (GSB), continued . . .

COURSE	TITLE	GE CORE	CAR	GLOBAL	GLOBAL/NW	LAB
GEO 344	Geography of the United States and Canada	GSB				
HDF 211	Life Span Development in the Human Environment	GSB				
HDF 212	Families and Close Relationships	GSB				
HDF 302	Infant and Child Development in the Family	GSB				
HDF 303	Adolescent Development in the Family	GSB				
HEA 201	Personal Health	GSB				
HEA 260	Human Sexuality	GSB				
HSS 108	First-Year Seminar in Social and Behavioral Studies	GSB				
HSS 118	First-Year Seminar in Social and Behavioral Studies	GSB			GN	
HSS 128	First-Year Seminar in Social and Behavioral Studies	GSB		GL		
HSS 138	First-Year Seminar in Cultural Anthropology	GSB			GN	
HSS 208	Seminar in Social and Behavioral Studies	GSB				
HSS 218	Seminar in Social and Behavioral Studies	GSB			GN	
HSS 228	Seminar in Social and Behavioral Studies	GSB		GL		
LIN 262	Sociolinguistics	GSB				
PSC 100	American Politics	GSB				
PSC 210	Introduction to Public Policy	GSB				
PSC 240	The International System	GSB		GL		
PSC 260	Introduction to Comparative Politics	GSB		GL		
PSY 121	General Psychology	GSB				
PSY 250	Developmental Psychology	GSB				
PSY 260	Psychological Perspectives on Social Psychology	GSB				
PSY 341	Abnormal Psychology	GSB				
RCO 270–279	Residential College Seminars in Social and Behavioral Sciences	GSB				
RPM 101	Leisure and American Lifestyles	GSB				
SES 200	People with Disabilities in American Society	GSB				
SES 240	Communication Development in Children	GSB				
SOC 101	Introduction to Sociology	GSB				
SOC 202	Social Problems in Global Context	GSB		GL		
SOC 222	Sociology of Deviant Behavior	GSB				
SOC 227	Race and Ethnic Relations	GSB				
SWK 311	Human Behavior and Social Environment	GSB				
WGS 250	An Introduction to Women's and Gender Studies	GSB				

General Education Marker Courses by Category

GEC requires four Global perspectives courses, one of which must carry the GN marker. Courses listed below carry marker credit as designated on a permanent basis.

Global Perspectives (GL)

COURSE	TITLE	GE CORE	CAR	GLOBAL	GLOBAL/NW	LAB
ATY 300	The Culture of Baseball			GL		
ATY 325	Caribbean Societies and Cultures			GL		
ATY 385	Language and Culture			GL		
CCI 102	The Classical Art of Persuasion	GRD		GL		
CCI 201	Introduction to Greek Civilization	GHP	GPM	GL		
CCI 202	Introduction to Roman Civilization	GHP	GPM	GL		
CCI 205	Mythology	GPR		GL		
CCI 206	Classical Origins of the English Language			GL		
CCI 211	Introduction to Greek Archaeology	GHP	GPM	GL		
CCI 212	Introduction to Roman Archaeology	GHP	GPM	GL		
CCI 227	Comparative Studies in World Epics	GLT		GL		
CCI 228	Comparative Studies in World Drama	GLT		GL		
CCI 305	Classical Tragedy	GLT		GL		
CCI 306	Classical Comedy	GFA		GL		
CCI 321	The Archaic Age	GPR		GL		
CCI 324	The Age of Cicero	GLT		GL		
CCI 325	The Age of Augustus	GLT		GL		
CCI 326	The Age of Nero	GLT		GL		
CCI 330	Women in Antiquity			GL		
CCI 340	Ancient Cosmology	GPR		GL		
CCI 350	Roman Law and Society	GPR		GL		
CCI 355	The Roman Empire, 44 B.C.–A.D. 337			GL		
CCI 407	Roman Myth and Legend			GL		
DCE 200	Dance Appreciation	GFA		GL		
ECO 300	International Economy			GL		
ENG 110	World Literature in English	GLT		GL		
ENG 201	European Literary Classics: Ancient to Renaissance	GLT		GL		
ENG 202	European Literary Classics: Enlightenment to Modern	GLT		GL		
ENG 208	Topics in Global Literature	GLT		GL		
ENG 371	Literary Study of the Bible	GLT		GL		
FMS 121	Freshman Seminar in Literature—Global Perspectives	GLT		GL		
FMS 131	Freshman Seminar in Fine Arts—Global Perspectives	GFA		GL		
FMS 141	Freshman Seminar in Philosophical, Religious, and Ethical Principles —Global Perspectives	GPR		GL		
FMS 151	Freshman Seminar in Historical Perspectives: Premodern—Global Perspectives	GHP	GPM	GL		
FMS 161	Freshman Seminar in Historical Perspectives: Modern—Global Perspectives	GHP	GMO	GL		
FMS 171	Freshman Seminar in Social and Behavioral Studies —Global Perspectives	GSB		GL		
FRE 101	Beginning French I			GL		
FRE 101B	Beginning Business French			GL		
FRE 102	Beginning French II			GL		
FRE 102B	Beginning Business French			GL		

General Education Marker Courses by Category

Global Perspectives (GL), continued . . .

Course	Title	GE Core	CAR	Global	Global/NW	Lab
FRE 203	Intermediate French I		GFL	GL		
FRE 204	Intermediate French II		GFL	GL		
FRE 222	Explorations in French Literature: English Versions	GLT		GL		
FRE 232	Images of France and the Francophone World			GL		
FRE 241	Intermediate French: Culture and Business		GFL	GL		
FRE 312	French Conversation and Culture			GL		
FRE 315	Advanced Grammar and Composition			GL		
FRE 323	Albert Camus: English Versions	GLT		GL		
FRE 341	Business French			GL		
GEO 104	World Regional Geography			GL		
GEO 301	Urban Geography: Global Patterns	GSB		GL		
GEO 306	World Economic Geography	GSB		GL		
GER 101	Elementary German I			GL		
GER 101B	Elementary Business German I			GL		
GER 102	Elementary German II			GL		
GER 102B	Elementary Business German II			GL		
GER 203	Intermediate German		GFL	GL		
GER 204	Intermediate German Topics		GFL	GL		
GER 215	German Civilization: Readings in English			GL		
GER 216	German Civilization: Readings in English			GL		
GER 217	Masterworks of German Literature Read in English	GLT		GL		
GER 218	Masterworks of German Literature Read in English	GLT		GL		
GER 221	Germanic Mythology: Readings in English			GL		
GER 291	German Conversation Topics			GL		
GER 301	German Conversation and Composition: Topics			GL		
GER 305	German Literature: Advanced Intermediate Topics			GL		
GER 306	German Culture: Advanced Intermediate Topics			GL		
GER 306F	German Culture: Advanced Intermediate Topics in German Film			GL		
GER 311	Business German		GFL	GL		
GER 404	German Civilization: Research and/or Internet Projects			GL		
GRK 201	Elementary Ancient Greek I			GL		
GRK 202	Elementary Ancient Greek II			GL		
GRK 203	Intermediate Ancient Greek I		GFL	GL		
GRK 204	Intermediate Ancient Greek II		GFL	GL		
GRK 303	Greek Drama			GL		
GRK 304	Greek Drama			GL		
GRK 311	The Greek Orators			GL		
GRK 312	Greek Historical Writers			GL		
GRK 313	Greek Historical Writers			GL		
GRK 341	Homer			GL		
HDF 410	Families and Children in Global Perspective			GL		
HIS 221	Medieval Legacy	GHP	GPM	GL		
HIS 222	Europe 1400–1789	GHP	GPM	GL		
HIS 223	Modern Europe	GHP	GMO	GL		

General Education Marker Courses by Category

Global Perspectives (GL), continued . . .

COURSE	TITLE	GE CORE	CAR	GLOBAL	GLOBAL/NW	LAB
HIS 309	Unity and Unrest in Medieval Towns			GL		
HIS 310	Daughters of Eve: Women in the Middle Ages			GL		
HIS 349	The World at War, 1914–1945			GL		
HIS 355	The Roman Empire, 44 B.C.–A.D. 337			GL		
HIS 369	History of Spain	GHP	GPM	GL		
HIS 371	Europe since World War I	GHP	GMO	GL		
HIS 375	Germany in the Nineteenth Century: 1800–1914			GL		
HIS 376	German History, 1914–1945			GL		
HIS 392	The Holocaust: History and Meaning			GL		
HIS 393	Medieval Church and State			GL		
HSS 121	First-Year Seminar in Historical Perspectives: Premodern	GHP	GPM	GL		
HSS 122	First-Year Seminar in Historical Perspectives: Modern	GHP	GMO	GL		
HSS 123	First-Year Seminar in the Physical Sciences	GNS	GPS	GL		
HSS 124	First-Year Seminar in the Life Sciences	GNS	GLS	GL		
HSS 125	First-Year Seminar in the Fine Arts	GFA		GL		
HSS 126	First-Year Seminar in Philosophical/Religious/Ethical Principles	GPR		GL		
HSS 127	First-Year Seminar in Literature	GLT		GL		
HSS 128	First-Year Seminar in Social and Behavioral Studies	GSB		GL		
HSS 221	Seminar in Historical Perspectives: Premodern	GHP	GPM	GL		
HSS 222	Seminar in Historical Perspectives: Modern	GHP	GMO	GL		
HSS 223	Seminar in the Physical Sciences	GNS	GPS	GL		
HSS 224	Seminar in the Life Sciences	GNS	GLS	GL		
HSS 225	Seminar in the Fine Arts	GFA		GL		
HSS 226	Seminar in Philosophical/Religious/Ethical Principles	GPR		GL		
HSS 227	Seminar in Literature	GLT		GL		
HSS 228	Seminar in Social and Behavioral Studies	GSB		GL		
HTM 245	Cross-cultural Study Tour in Hospitality and Tourism			GL		
HTM 251	Multicultural Issues in Hospitality and Tourism			GL		
IAR 221	History and Theory of Design I	GFA		GL		
IAR 222	History and Theory of Design II	GFA		GL		
IAR 321	Design Perspectives	GFA		GL		
IAR 499	International Field Studies in Interior Architecture			GL		
IGS 233B	International and Global Studies Seminar			GL		
ITA 101	Beginning Italian			GL		
ITA 102	Beginning Italian			GL		
ITA 203	Intermediate Italian		GFL	GL		
ITA 204	Intermediate Italian		GFL	GL		
LAT 101	Elementary Latin I			GL		
LAT 102	Elementary Latin II			GL		
LAT 140	Elementary Latin Review			GL		
LAT 203	Intermediate Latin I		GFL	GL		
LAT 204	Intermediate Latin II		GFL	GL		
LAT 301	Roman Lyric Poetry			GL		

General Education Marker Courses by Category

Global Perspectives (GL), continued . . .

Course	Title	GE Core	CAR	Global	Global/NW	Lab
LAT 302	Roman Letters and Men of Letters			GL		
LAT 303	Roman Drama			GL		
LAT 311	The Roman Orators			GL		
LAT 312	Roman Historians			GL		
LAT 321	Roman Satire			GL		
LAT 401	Vergil			GL		
MGT 301	Introduction to International Business			GL		
MUS 241	Music Appreciation	GFA		GL		
MUS 333	History of Western Music III			GL		
MUS 375	Opera Performance Techniques			GL		
PHI 251	History of Ancient Philosophy	GHP	GPM	GL		
PHI 252	History of Modern Philosophy	GHP	GMO	GL		
POR 101	Beginning Portuguese			GL		
POR 102	Beginning Portuguese			GL		
POR 203	Intermediate Portuguese		GFL	GL		
POR 204	Intermediate Portuguese		GFL	GL		
PSC 240	The International System	GSB		GL		
PSC 260	Introduction to Comparative Politics	GSB		GL		
PSC 344	Politics of Globalization			GL		
RCO 108	Residential College Core Course: The American Experience	GHP	GPM	GL		
REL 101	Introduction to Religious Studies	GPR		GL		
REL 104	Religion, Ritual, and the Arts	GPR		GL		
REL 201	The Bible in Western Culture	GPR		GL		
REL 204	New Testament and the Origins of Christianity	GHP	GPM	GL		
REL 209	Elements of Christian Thought	GPR		GL		
REL 210	Christianity to the Reformation	GHP	GPM	GL		
REL 212	Christianity from the Reformation to the Present	GHP	GMO	GL		
REL 215	Judaism	GHP	GPM	GL		
REL 240	Modern Jewish Thought	GHP	GMO	GL		
SOC 202	Social Problems in Global Context	GSB		GL		
SOC 223	Global Deviance			GL		
SOC 344	Global Society			GL		
SPA 100	Spanish for Health Care			GL		
SPA 101	Beginning Spanish I			GL		
SPA 101B	Beginning Business Spanish			GL		
SPA 102	Beginning Spanish II			GL		
SPA 102B	Beginning Business Spanish			GL		
SPA 203	Intermediate Spanish I		GFL	GL		
SPA 204	Intermediate Spanish II		GFL	GL		
SPA 222	Hispanic Masterpieces in English Translation	GLT		GL		
SPA 233	Hispanic Cultures and Civilizations			GL		
SPA 240	Intermediate Spanish I for Business		GFL	GL		
SPA 241	Intermediate Spanish II for Business		GFL	GL		
SPA 301	Advanced Spanish			GL		

General Education Marker Courses by Category

Global Perspectives (GL), continued . . .

COURSE	TITLE	GE CORE	CAR	GLOBAL	GLOBAL/NW	LAB
SPA 311	Spanish Conversation			GL		
SPA 315	Intermediate Spanish Composition			GL		
SPA 332	Introduction to Spanish Culture			GL		
SPA 334	Introduction to Spanish American Culture			GL		
SPA 341	Business Spanish			GL		
SPA 351	Approaches to Hispanic Literature	GLT		GL		
SPA 402	Spanish Literature I	GLT		GL		
SPA 403	Spanish Literature II	GLT		GL		
SPA 411	Advanced Spanish Conversation			GL		
SPA 415	Advanced Spanish Composition			GL		
SWK 522	Comparative Study of Cross-cultural Social Work Practice			GL		
WCV 101	Western Civilization	GHP	GPM	GL		
WCV 102	Western Civilization	GHP	GMO	GL		

Global Non-Western Perspectives (GN)

COURSE	TITLE	GE CORE	CAR	GLOBAL	GLOBAL/NW	LAB
ART 103	Survey of Visual Art in Non-Western Traditions	GFA			GN	
ART 314	African Art				GN	
ATY 100	Contemporary Non-Western Cultures	GSB			GN	
ATY 212	General Anthropology	GSB			GN	
ATY 213	Cultural Anthropology	GSB			GN	
ATY 258	World Prehistory	GSB			GN	
ATY 330	Cultures of North American Indians				GN	
ATY 333	Latin American Societies and Cultures				GN	
ATY 335	Cultures of Africa				GN	
ATY 337	Cultures of the Pacific				GN	
ATY 465	An Overview of Medical Anthropology				GN	
CCI 312	The Art and Archaeology of Egypt	GFA			GN	
CHI 101	Elementary Chinese I				GN	
CHI 102	Elementary Chinese II				GN	
CHI 203	Intermediate Chinese I		GFL		GN	
CHI 204	Intermediate Chinese II		GFL		GN	
CRS 121	Culture, Human Behavior, and Clothing				GN	
DCE 205	Dance History I: World Dance Traditions				GN	
ECO 100	Economic Development of the Non-Western World				GN	
ENG 204	Non-Western Literary Classics	GLT			GN	
ENG 209	Topics in Non-Western Literature	GLT			GN	
FMS 122	Freshman Seminar in Literature—Global Non-Western Perspectives	GLT			GN	
FMS 132	Freshman Seminar in Fine Arts—Global Non-Western Perspectives	GFA			GN	
FMS 142	Freshman Seminar in Philosophical, Religious, and Ethical Principles —Global Non-Western Perspectives	GPR			GN	
FMS 152	Freshman Seminar in Historical Perspectives: Premodern—Global Non-Western Perspectives	GHP	GPM		GN	
FMS 162	Freshman Seminar in Historical Perspectives: Modern—Global Non-Western Perspectives	GHP	GMO		GN	

General Education Marker Courses by Category

Global Non-Western Perspectives (GN), continued . . .

COURSE	TITLE	GE CORE	CAR	GLOBAL	GLOBAL/NW	LAB
FMS 172	Freshman Seminar in Social and Behavioral Studies —Global Non-Western Perspectives	GSB			GN	
GEO 105	Cultural Geography	GSB			GN	
GEO 114	The Geography of World Affairs				GN	
GEO 303	World Population Problems				GN	
HEA 207	International Health				GN	
HIS 203	History of Africa to 1870	GHP	GPM		GN	
HIS 204	History of Africa since 1870	GHP	GMO		GN	
HIS 215	The Civilizations of Asia	GHP	GPM		GN	
HIS 216	The Civilizations of Asia	GHP	GMO		GN	
HIS 217	The World in the Twentieth Century	GHP	GMO		GN	
HIS 218	The World in the Twentieth Century	GHP	GMO		GN	
HIS 239	Latin America: Colonial Period	GHP	GMO		GN	
HIS 240	Latin America: National Period	GHP	GMO		GN	
HIS 320	Central American History				GN	
HIS 381	The Near and Middle East	GHP	GMO		GN	
HIS 383	Chinese History to 1800				GN	
HIS 384	The Modern Transformation of China: 1800 to Present Day				GN	
HSS 111	First-Year Seminar in Historical Perspectives: Premodern	GHP	GPM		GN	
HSS 112	First-Year Seminar in Historical Perspectives: Modern	GHP	GMO		GN	
HSS 113	First-Year Seminar in the Physical Sciences	GNS	GPS		GN	
HSS 114	First-Year Seminar in the Life Sciences	GNS	GLS		GN	
HSS 115	First-Year Seminar in the Fine Arts	GFA			GN	
HSS 116	First-Year Seminar in Philosophical/Religious/Ethical Principles	GPR			GN	
HSS 117	First-Year Seminar in Literature	GLT			GN	
HSS 118	First-Year Seminar in Social and Behavioral Studies	GSB			GN	
HSS 138	First-Year Seminar in Cultural Anthropology	GSB			GN	
HSS 211	Seminar in Historical Perspectives: Premodern	GHP	GPM		GN	
HSS 212	Seminar in Historical Perspectives: Modern	GHP	GMO		GN	
HSS 213	Seminar in the Physical Sciences	GNS	GPS		GN	
HSS 214	Seminar in the Life Sciences	GNS	GLS		GN	
HSS 215	Seminar the Fine Arts: Global Non-Western	GFA			GN	
HSS 216	Seminar in Philosophical/Religious/Ethical Principles	GPR			GN	
HSS 217	Seminar in Literature	GLT			GN	
HSS 218	Seminar in Social and Behavioral Studies	GSB			GN	
IGS 233A	International and Global Studies Seminar				GN	
JNS 101	Elementary Japanese				GN	
JNS 102	Elementary Japanese				GN	
JNS 203	Intermediate Japanese		GFL		GN	
JNS 204	Intermediate Japanese		GFL		GN	
JNS 220	Modern Japan				GN	
MUS 135	Introduction to Musicology	GPR			GN	
MUS 343	Music Cultures of the World	GPR			GN	

General Education Marker Courses by Category

Global Non-Western Perspectives (GN), continued . . .

Course	Title	GE Core	CAR	Global	Global/NW	Lab
MUS 425	Music of Sub-Saharan Africa				GN	
MUS 468	Teaching Music in a Multicultural Population				GN	
NUR 390	Culture and Health Care				GN	
PHI 361	Ethical Issues in Business	GPR			GN	
POR 233	Topics in Brazilian Culture and Civilization				GN	
PSC 290	The Politics of the Non-Western World				GN	
PSC 355J	Middle East Politics				GN	
PSC 391	African Political Systems				GN	
RCO 260–269	Selected Topics				GN	
REL 111	Non-Western Religion	GPR			GN	
REL 218	Non-Western Religions: China	GPR			GN	
REL 220	Non-Western Religions: Japan	GPR			GN	
REL 221	Buddhism	GPR			GN	
REL 223	Hinduism	GPR			GN	
REL 225	Islam	GPR			GN	
REL 250	Religious Traditions and Care of Earth	GPR			GN	
REL 351	Religion in Traditional Societies				GN	
RUS 101	Elementary Russian I				GN	
RUS 102	Elementary Russian II				GN	
RUS 201	Russian Literature in Translation	GLT			GN	
RUS 202	Russian Literature in Translation				GN	
RUS 203	Intermediate Russian		GFL		GN	
RUS 204	Intermediate Russian		GFL		GN	
RUS 306	Slavic Life and Letters: Topics				GN	
RUS 313	Major Authors in Russian Literature	GLT			GN	
RUS 314	Major Movements in Russian Literature and Culture	GLT			GN	
SOC 300	Post Soviet Societies				GN	
SPA 404	Spanish American Literature I	GLT			GN	
SPA 405	Spanish American Literature II	GLT			GN	
THR 506	Non-Western Theatre and/or Film				GN	
WGS 333	Women in Non-Western Cultures	GHP	GMO		GN	

General Education Course Summary Table

GE Core Category Codes

GLT—Literature | GFA—Fine Arts | GPR—Philosophical/Religious/Ethical Perspectives | GHP—Historical Perspectives | GMT—Mathematics
GNS—Natural Sciences | GRD—Reasoning & Discourse | GSB—Social & Behavioral Sciences

CAR Codes[1]

GFL—Foreign Language | GPM—Historical Perspectives—Premodern | GMO—Historical Perspectives—Modern
GLS—Natural Sciences—Life | GPS—Natural Sciences—Physical

GE Marker Codes

GL—Global Perspectives | GN—Global Non-Western Perspectives | WI—Writing Intensive[2] | SI—Speaking Intensive[2]

Additional Course Information Abbreviations[2]

L—Lab

The following list includes courses that are approved for the noted credit status and which will carry the designated markers for all sections for 2007–08.

[1]*CAR codes (College Additional Requirements) are for use only by students pursuing majors in the College of Arts and Sciences; see chapter 6.*
[2]*Writing Intensive (WI) and Speaking Intensive (SI) courses are not indicated on this table; refer to the Class Schedule in* UNCGenie *for a listing of courses taught as SI or WI for a given semester.*

COURSE	TITLE	GE CORE	CAR	GLOBAL	GLOBAL/NW	LAB
AFS 201	Introduction to African American Studies	GHP	GMO			
AFS 210	Blacks in American Society: Social, Economic, and Political Perspectives	GSB				
ART 100	Introduction to Art	GFA				
ART 101	Survey of Western Art	GFA				
ART 103	Survey of Visual Art in Non-Western Traditions	GFA			GN	
ART 314	African Art				GN	
AST 203	Conceptual Astronomy	GNS	GPS			
AST 209	Astronomy: The Solar System	GNS	GPS			
AST 235	Astronomy: Stars and Galaxies	GNS	GPS			
ATY 100	Contemporary Non-Western Cultures	GSB			GN	
ATY 212	General Anthropology	GSB			GN	
ATY 213	Cultural Anthropology	GSB			GN	
ATY 253	Introduction to Physical Anthropology	GNS	GLS			
ATY 253L	Introduction to Physical Anthropology Lab					L
ATY 258	World Prehistory	GSB			GN	
ATY 300	The Culture of Baseball			GL		
ATY 325	Caribbean Societies and Cultures			GL		
ATY 330	Cultures of North American Indians				GN	
ATY 333	Latin American Societies and Cultures				GN	
ATY 335	Cultures of Africa				GN	
ATY 337	Cultures of the Pacific				GN	
ATY 385	Language and Culture			GL		
ATY 465	An Overview of Medical Anthropology				GN	
BCN 101	The Development of the Cinema	GFA				
BCN 225	Masterpieces of Cinema	GFA				
BCN 226	Masterpieces of Television Drama	GFA				
BCN 325	Gender and Media Culture	GSB				
BIO 105	Major Concepts of Biology	GNS	GLS			
BIO 105L	Major Concepts of Biology Laboratory	GNS	GLS			L
BIO 111	Principles of Biology I	GNS	GLS			L
BIO 112	Principles of Biology II	GNS	GLS			L
CCI 102	The Classical Art of Persuasion	GRD		GL		

General Education Course Summary Table

COURSE	TITLE	GE CORE	CAR	GLOBAL	GLOBAL/NW	LAB
CCI 201	Introduction to Greek Civilization	GHP	GPM	GL		
CCI 202	Introduction to Roman Civilization	GHP	GPM	GL		
CCI 205	Mythology	GPR		GL		
CCI 206	Classical Origins of the English Language			GL		
CCI 211	Introduction to Greek Archaeology	GHP	GPM	GL		
CCI 212	Introduction to Roman Archaeology	GHP	GPM	GL		
CCI 220	The Ancient World	GHP	GPM			
CCI 227	Comparative Studies in World Epics	GLT		GL		
CCI 228	Comparative Studies in World Drama	GLT		GL		
CCI 240	Ancient Warfare	GHP	GPM			
CCI 305	Classical Tragedy	GLT		GL		
CCI 306	Classical Comedy	GFA		GL		
CCI 312	The Art and Archaeology of Egypt	GFA			GN	
CCI 321	The Archaic Age	GPR		GL		
CCI 324	The Age of Cicero	GLT		GL		
CCI 325	The Age of Augustus	GLT		GL		
CCI 326	The Age of Nero	GLT		GL		
CCI 330	Women in Antiquity			GL		
CCI 340	Ancient Cosmology	GPR		GL		
CCI 350	Roman Law and Society	GPR		GL		
CCI 355	The Roman Empire, 44 B.C.–A.D. 337			GL		
CCI 407	Roman Myth and Legend			GL		
CHE 101	Introductory Chemistry (formerly 106)	GNS	GPS			
CHE 103	General Descriptive Chemistry I	GNS	GPS			
CHE 104	General Descriptive Chemistry II	GNS	GPS			
CHE 110	Introductory Chemistry Laboratory	GNS	GPS			L
CHE 111	General Chemistry I	GNS	GPS			
CHE 112	General Chemistry I Laboratory	GNS	GPS			L
CHE 114	General Chemistry II	GNS	GPS			
CHE 115	General Chemistry II Laboratory	GNS	GPS			L
CHI 101	Elementary Chinese I				GN	
CHI 102	Elementary Chinese II				GN	
CHI 203	Intermediate Chinese I		GFL		GN	
CHI 204	Intermediate Chinese II		GFL		GN	
CRS 121	Culture, Human Behavior, and Clothing				GN	
CRS 321	Social Psychology of Dress	GSB				
CRS 372	Survey of Historic Costume	GHP	GMO			
CST 105	Introduction to Communication Studies	GRD				
DCE 101	Introduction to Dance	GFA				
DCE 200	Dance Appreciation	GFA		GL		
DCE 205	Dance History I: World Dance Traditions				GN	
ECO 100	Economic Development of the Non-Western World				GN	
ECO 101	Introduction to Economics	GSB				
ECO 201	Principles of Microeconomics	GSB				

General Education Course Summary Table

COURSE	TITLE	GE CORE	CAR	GLOBAL	GLOBAL/NW	LAB
ECO 202	Principles of Macroeconomics	GSB				
ECO 300	International Economy			GL		
ENG 101	English Composition I	GRD				
ENG 101N	English Composition I	GRD				
ENG 102	English Composition II	GRD				
ENG 104	Approach to Literature	GLT				
ENG 105	Introduction to Narrative	GLT				
ENG 106	Introduction to Poetry	GLT				
ENG 107	Introduction to Drama	GLT				
ENG 108	Topics in British and American Literature	GLT				
ENG 109	Introduction to Shakespeare	GLT				
ENG 110	World Literature in English	GLT		GL		
ENG 201	European Literary Classics: Ancient to Renaissance	GLT		GL		
ENG 202	European Literary Classics: Enlightenment to Modern	GLT		GL		
ENG 204	Non-Western Literary Classics	GLT			GN	
ENG 208	Topics in Global Literature	GLT		GL		
ENG 209	Topics in Non-Western Literature	GLT			GN	
ENG 210	Literature and the Arts	GLT				
ENG 211	Major British Authors: Medieval to Neoclassical	GLT				
ENG 212	Major British Authors: Romantic to Modern	GLT				
ENG 251	Major American Authors: Colonial to Romantic	GLT				
ENG 252	Major American Authors: Realist to Modern	GLT				
ENG 262	Sociolinguistics	GSB				
ENG 315	Postcolonial Literatures	GLT				
ENG 331	Women in Literature	GLT				
ENG 339	Shakespeare: Early Plays and Sonnets	GLT				
ENG 340	Shakespeare: Later Plays	GLT				
ENG 371	Literary Study of the Bible	GLT		GL		
ESS 330	Sociocultural Analyses of Sport and Exercise	GSB				
FMS 115	Freshman Seminar in Reasoning and Discourse I	GRD				
FMS 116	Freshman Seminar in Reasoning and Discourse II	GRD				
FMS 120	Freshman Seminar in Literature	GLT				
FMS 121	Freshman Seminar in Literature—Global Perspectives	GLT		GL		
FMS 122	Freshman Seminar in Literature—Global Non-Western Perspectives	GLT			GN	
FMS 130	Freshman Seminar in Fine Arts	GFA				
FMS 131	Freshman Seminar in Fine Arts—Global Perspectives	GFA		GL		
FMS 132	Freshman Seminar in Fine Arts—Global Non-Western Perspectives	GFA			GN	
FMS 140	Freshman Seminar in Philosophical, Religious, and Ethical Principles	GPR				
FMS 141	Freshman Seminar in Philosophical, Religious, and Ethical Principles —Global Perspectives	GPR		GL		
FMS 142	Freshman Seminar in Philosophical, Religious, and Ethical Principles —Global Non-Western Perspectives	GPR			GN	
FMS 150	Freshman Seminar in Historical Perspectives: Premodern	GHP	GPM			
FMS 151	Freshman Seminar in Historical Perspectives: Premodern—Global Perspectives	GHP	GPM	GL		

General Education Course Summary Table

COURSE	TITLE	GE CORE	CAR	GLOBAL	GLOBAL/NW	LAB
FMS 152	Freshman Seminar in Historical Perspectives: Premodern—Global Non-Western Perspectives	GHP	GPM		GN	
FMS 160	Freshman Seminar in Historical Perspectives: Modern	GHP	GMO			
FMS 161	Freshman Seminar in Historical Perspectives: Modern—Global Perspectives	GHP	GMO	GL		
FMS 162	Freshman Seminar in Historical Perspectives: Modern—Global Non-Western Perspectives	GHP	GMO		GN	
FMS 170	Freshman Seminar in Social and Behavioral Studies	GSB				
FMS 171	Freshman Seminar in Social and Behavioral Studies —Global Perspectives	GSB		GL		
FMS 172	Freshman Seminar in Social and Behavioral Studies —Global Non-Western Perspectives	GSB			GN	
FMS 183	Freshman Seminar in Physical Science	GNS	GPS			
FMS 183L	Freshman Seminar in Physical Science Laboratory	GNS	GPS			L
FMS 184	Freshman Seminar in Life Science	GNS	GLS			
FMS 184L	Freshman Seminar in Life Science Laboratory	GNS	GLS			L
FMS 195	Freshman Seminar in Mathematics	GMT				
FRE 101	Beginning French I			GL		
FRE 101B	Beginning Business French			GL		
FRE 102	Beginning French II			GL		
FRE 102B	Beginning Business French			GL		
FRE 203	Intermediate French I		GFL	GL		
FRE 204	Intermediate French II		GFL	GL		
FRE 222	Explorations in French Literature: English Versions	GLT		GL		
FRE 232	Images of France and the Francophone World			GL		
FRE 241	Intermediate French: Culture and Business		GFL	GL		
FRE 312	French Conversation and Culture			GL		
FRE 315	Advanced Grammar and Composition			GL		
FRE 323	Albert Camus: English Versions	GLT		GL		
FRE 341	Business French			GL		
FRE 353	Survey of French Literature	GLT				
GEO 103	Introduction to Earth Science	GNS	GPS			
GEO 104	World Regional Geography			GL		
GEO 105	Cultural Geography	GSB			GN	
GEO 106	Geosystems Science	GNS	GPS			
GEO 106L	Geosystems Science Laboratory	GNS	GPS			L
GEO 111	Physical Geology	GNS	GPS			
GEO 111L	Physical Geology Laboratory	GNS	GPS			L
GEO 114	The Geography of World Affairs				GN	
GEO 121	Introduction to Geographic Information Science	GNS	GPS			
GEO 301	Urban Geography: Global Patterns	GSB		GL		
GEO 303	World Population Problems				GN	
GEO 306	World Economic Geography	GSB		GL		
GEO 311	Weather and Climate	GNS	GPS			
GEO 311L	Climatology Laboratory	GNS	GPS			L
GEO 314	Physical Geography: Landscape Processes	GNS	GPS			

General Education Course Summary Table

COURSE	TITLE	GE CORE	CAR	GLOBAL	GLOBAL/NW	LAB
GEO 314L	Physical Geography Laboratory	GNS	GPS			L
GEO 344	Geography of the United States and Canada	GSB				
GER 101	Elementary German I			GL		
GER 101B	Elementary Business German I			GL		
GER 102	Elementary German II			GL		
GER 102B	Elementary Business German II			GL		
GER 203	Intermediate German		GFL	GL		
GER 204	Intermediate German Topics		GFL	GL		
GER 215	German Civilization: Readings in English			GL		
GER 216	German Civilization: Readings in English			GL		
GER 217	Masterworks of German Literature Read in English	GLT		GL		
GER 218	Masterworks of German Literature Read in English	GLT		GL		
GER 221	Germanic Mythology: Readings in English			GL		
GER 291	German Conversation Topics			GL		
GER 301	German Conversation and Composition: Topics			GL		
GER 305	German Literature: Advanced Intermediate Topics			GL		
GER 306	German Culture: Advanced Intermediate Topics			GL		
GER 306F	German Culture: Advanced Intermediate Topics in German Film			GL		
GER 311	Business German		GFL	GL		
GER 404	German Civilization: Research and/or Internet Projects			GL		
GRK 201	Elementary Ancient Greek I			GL		
GRK 202	Elementary Ancient Greek II			GL		
GRK 203	Intermediate Ancient Greek I		GFL	GL		
GRK 204	Intermediate Ancient Greek II		GFL	GL		
GRK 303	Greek Drama			GL		
GRK 304	Greek Drama			GL		
GRK 311	The Greek Orators			GL		
GRK 312	Greek Historical Writers			GL		
GRK 313	Greek Historical Writers			GL		
GRK 341	Homer			GL		
HDF 211	Life Span Development in the Human Environment	GSB				
HDF 212	Families and Close Relationships	GSB				
HDF 302	Infant and Child Development in the Family	GSB				
HDF 303	Adolescent Development in the Family	GSB				
HDF 410	Families and Children in Global Perspective			GL		
HEA 201	Personal Health	GSB				
HEA 207	International Health				GN	
HEA 260	Human Sexuality	GSB				
HIS 203	History of Africa to 1870	GHP	GPM		GN	
HIS 204	History of Africa since 1870	GHP	GMO		GN	
HIS 211	The United States: A General Survey to 1865	GHP	GMO			
HIS 212	The United States: A General Survey since 1865	GHP	GMO			
HIS 215	The Civilizations of Asia	GHP	GPM		GN	
HIS 216	The Civilizations of Asia	GHP	GMO		GN	

General Education Course Summary Table

Course	Title	GE Core	CAR	Global	Global/NW	Lab
HIS 217	The World in the Twentieth Century	GHP	GMO		GN	
HIS 218	The World in the Twentieth Century	GHP	GMO		GN	
HIS 220	The Ancient World	GHP	GPM			
HIS 221	Medieval Legacy	GHP	GPM	GL		
HIS 222	Europe 1400–1789	GHP	GPM	GL		
HIS 223	Modern Europe	GHP	GMO	GL		
HIS 239	Latin America: Colonial Period	GHP	GMO		GN	
HIS 240	Latin America: National Period	GHP	GMO		GN	
HIS 251	The History of Western Science: A Survey	GHP	GPM			
HIS 252	The History of Western Science: A Survey	GHP	GMO			
HIS 301	Race and Slavery	GHP	GMO			
HIS 302	Race and Segregation	GHP	GMO			
HIS 309	Unity and Unrest in Medieval Towns			GL		
HIS 310	Daughters of Eve: Women in the Middle Ages			GL		
HIS 311	Darwin and the Theory of Evolution	GHP	GMO			
HIS 320	Central American History				GN	
HIS 327	American Cultural History	GHP	GMO			
HIS 335	The American Colonial Period, 1607–1763	GHP	GMO			
HIS 336	The Age of the Democratic Revolution, 1764–1789	GHP	GMO			
HIS 349	The World at War, 1914–1945			GL		
HIS 355	The Roman Empire, 44 B.C.–A.D. 337			GL		
HIS 360	The Structure of Scientific Change: Topics in the History of Science	GHP	GMO			
HIS 369	History of Spain	GHP	GPM	GL		
HIS 371	Europe since World War I	GHP	GMO	GL		
HIS 373	English History to 1660	GHP	GPM			
HIS 374	British History 1688–Present	GHP	GMO			
HIS 375	Germany in the Nineteenth Century: 1800–1914			GL		
HIS 376	German History, 1914–1945			GL		
HIS 381	The Near and Middle East	GHP	GMO		GN	
HIS 383	Chinese History to 1800				GN	
HIS 384	The Modern Transformation of China: 1800 to Present Day				GN	
HIS 392	The Holocaust: History and Meaning			GL		
HIS 393	Medieval Church and State			GL		
HSS 101	First-Year Seminar in Historical Perspectives: Premodern	GHP	GPM			
HSS 102	First-Year Seminar in Historical Perspectives: Modern	GHP	GMO			
HSS 103	First-Year Seminar in the Physical Sciences	GNS	GPS			
HSS 104	First-Year Seminar in the Life Sciences	GNS	GLS			
HSS 105	First-Year Seminar in the Fine Arts	GFA				
HSS 106	First-Year Seminar in Philosophical/Religious/Ethical Principles	GPR				
HSS 107	First-Year Seminar in Literature	GLT				
HSS 108	First-Year Seminar in Social and Behavioral Studies	GSB				
HSS 111	First-Year Seminar in Historical Perspectives: Premodern	GHP	GPM		GN	
HSS 112	First-Year Seminar in Historical Perspectives: Modern	GHP	GMO		GN	
HSS 113	First-Year Seminar in the Physical Sciences	GNS	GPS		GN	

General Education Course Summary Table

COURSE	TITLE	GE CORE	CAR	GLOBAL	GLOBAL/NW	LAB
HSS 114	First-Year Seminar in the Life Sciences	GNS	GLS		GN	
HSS 115	First-Year Seminar in the Fine Arts	GFA			GN	
HSS 116	First-Year Seminar in Philosophical/Religious/Ethical Principles	GPR			GN	
HSS 117	First-Year Seminar in Literature	GLT			GN	
HSS 118	First-Year Seminar in Social and Behavioral Studies	GSB			GN	
HSS 121	First-Year Seminar in Historical Perspectives: Premodern	GHP	GPM	GL		
HSS 122	First-Year Seminar in Historical Perspectives: Modern	GHP	GMO	GL		
HSS 123	First-Year Seminar in the Physical Sciences	GNS	GPS	GL		
HSS 124	First-Year Seminar in the Life Sciences	GNS	GLS	GL		
HSS 125	First-Year Seminar in the Fine Arts	GFA		GL		
HSS 126	First-Year Seminar in Philosophical/Religious/Ethical Principles	GPR		GL		
HSS 127	First-Year Seminar in Literature	GLT		GL		
HSS 128	First-Year Seminar in Social and Behavioral Studies	GSB		GL		
HSS 138	First-Year Seminar in Cultural Anthropology	GSB			GN	
HSS 201	Seminar in Historical Perspectives: Premodern	GHP	GPM			
HSS 202	Seminar in Historical Perspectives: Modern	GHP	GMO			
HSS 203	Seminar in the Physical Sciences	GNS	GPS			
HSS 204	Seminar in the Life Sciences	GNS	GLS			
HSS 205	Seminar in the Fine Arts	GFA				
HSS 206	Seminar in Philosophical/Religious/Ethical Principles	GPR				
HSS 207	Seminar in Literature	GLT				
HSS 208	Seminar in Social and Behavioral Studies	GSB				
HSS 211	Seminar in Historical Perspectives: Premodern	GHP	GPM		GN	
HSS 212	Seminar in Historical Perspectives: Modern	GHP	GMO		GN	
HSS 213	Seminar in the Physical Sciences	GNS	GPS		GN	
HSS 214	Seminar in the Life Sciences	GNS	GLS		GN	
HSS 215	Seminar in the Fine Arts: Global Non-Western	GFA			GN	
HSS 216	Seminar in Philosophical/Religious/Ethical Principles	GPR			GN	
HSS 217	Seminar in Literature	GLT			GN	
HSS 218	Seminar in Social and Behavioral Studies	GSB			GN	
HSS 221	Seminar in Historical Perspectives: Premodern	GHP	GPM	GL		
HSS 222	Seminar in Historical Perspectives: Modern	GHP	GMO	GL		
HSS 223	Seminar in the Physical Sciences	GNS	GPS	GL		
HSS 224	Seminar in the Life Sciences	GNS	GLS	GL		
HSS 225	Seminar in the Fine Arts	GFA		GL		
HSS 226	Seminar in Philosophical/Religious/Ethical Principles	GPR		GL		
HSS 227	Seminar in Literature	GLT		GL		
HSS 228	Seminar in Social and Behavioral Studies	GSB		GL		
HTM 245	Cross-cultural Study Tour in Hospitality and Tourism			GL		
HTM 251	Multicultural Issues in Hospitality and Tourism			GL		
IAR 221	History and Theory of Design I	GFA		GL		
IAR 222	History and Theory of Design II	GFA		GL		
IAR 321	Design Perspectives	GFA		GL		
IAR 499	International Field Studies in Interior Architecture			GL		

General Education Course Summary Table

COURSE	TITLE	GE CORE	CAR	GLOBAL	GLOBAL/NW	LAB
IGS 233A	International and Global Studies Seminar				GN	
IGS 233B	International and Global Studies Seminar			GL		
ITA 101	Beginning Italian			GL		
ITA 102	Beginning Italian			GL		
ITA 203	Intermediate Italian		GFL	GL		
ITA 204	Intermediate Italian		GFL	GL		
JNS 101	Elementary Japanese				GN	
JNS 102	Elementary Japanese				GN	
JNS 203	Intermediate Japanese		GFL		GN	
JNS 204	Intermediate Japanese		GFL		GN	
JNS 220	Modern Japan				GN	
LAT 101	Elementary Latin I			GL		
LAT 102	Elementary Latin II			GL		
LAT 140	Elementary Latin Review			GL		
LAT 203	Intermediate Latin I		GFL	GL		
LAT 204	Intermediate Latin II		GFL	GL		
LAT 301	Roman Lyric Poetry			GL		
LAT 302	Roman Letters and Men of Letters			GL		
LAT 303	Roman Drama			GL		
LAT 311	The Roman Orators			GL		
LAT 312	Roman Historians			GL		
LAT 321	Roman Satire			GL		
LAT 401	Vergil			GL		
LIN 262	Sociolinguistics	GSB				
MAT 112	Contemporary Topics in Math	GMT				
MAT 115	College Algebra	GMT				
MAT 120	Calculus for Business and the Social Sciences	GMT				
MAT 150	Precalculus I	GMT				
MAT 151	Precalculus II	GMT				
MAT 191	Calculus I	GMT				
MGT 301	Introduction to International Business			GL		
MUS 135	Introduction to Musicology	GPR			GN	
MUS 214	Jazz Appreciation	GFA				
MUS 241	Music Appreciation	GFA		GL		
MUS 329	History of Rock Music	GFA				
MUS 331	History of Western Music I	GHP	GPM			
MUS 332	History of Western Music II	GFA				
MUS 333	History of Western Music III			GL		
MUS 343	Music Cultures of the World	GPR			GN	
MUS 375	Opera Performance Techniques			GL		
MUS 425	Music of Sub-Saharan Africa				GN	
MUS 434	American Music	GHP	GMO			
MUS 468	Teaching Music in a Multicultural Population				GN	
NTR 213	Introductory Nutrition	GNS	GLS			

General Education Course Summary Table

COURSE	TITLE	GE CORE	CAR	GLOBAL	GLOBAL/NW	LAB
NUR 390	Culture and Health Care				GN	
PHI 111	Introduction to Philosophy	GPR				
PHI 115	Practical Reasoning	GRD				
PHI 119	Introduction to Ethics	GPR				
PHI 121	Contemporary Moral Problems	GPR				
PHI 220	Medical Ethics	GPR				
PHI 251	History of Ancient Philosophy	GHP	GPM	GL		
PHI 252	History of Modern Philosophy	GHP	GMO	GL		
PHI 310	Introduction to Formal Logic	GRD				
PHI 331	Social and Political Philosophy	GPR				
PHI 336	Philosophy of Crime and Punishment	GPR				
PHI 338	Ethics and International Affairs	GPR				
PHI 359	Philosophy of Religion	GPR				
PHI 361	Ethical Issues in Business	GPR			GN	
PHY 205	Conceptual Physics	GNS	GPS			
PHY 205L	Conceptual Physics Laboratory	GNS	GPS			L
PHY 211	General Physics I	GNS	GPS			L
PHY 211A	General Physics I	GNS	GPS			L
PHY 212	General Physics II	GNS	GPS			L
PHY 212A	General Physics II	GNS	GPS			L
PHY 291	General Physics I with Calculus	GNS	GPS			L
PHY 292	General Physics II with Calculus	GNS	GPS			L
POR 101	Beginning Portuguese			GL		
POR 102	Beginning Portuguese			GL		
POR 203	Intermediate Portuguese		GFL	GL		
POR 204	Intermediate Portuguese		GFL	GL		
POR 233	Topics in Brazilian Culture and Civilization				GN	
PSC 100	American Politics	GSB				
PSC 105	Political Issues	GPR				
PSC 210	Introduction to Public Policy	GSB				
PSC 240	The International System	GSB		GL		
PSC 260	Introduction to Comparative Politics	GSB		GL		
PSC 270	Introduction to Political Theory	GPR				
PSC 290	The Politics of the Non-Western World				GN	
PSC 344	Politics of Globalization			GL		
PSC 355J	Middle East Politics				GN	
PSC 391	African Political Systems				GN	
PSY 121	General Psychology	GSB				
PSY 230	Biological Psychology	GNS	GLS			
PSY 250	Developmental Psychology	GSB				
PSY 260	Psychological Perspectives on Social Psychology	GSB				
PSY 318	Belief in "Weird" Things	GRD				
PSY 341	Abnormal Psychology	GSB				
PSY 380	Psychology and the Law	GPR				

General Education Course Summary Table

COURSE	TITLE	GE CORE	CAR	GLOBAL	GLOBAL/NW	LAB
RCO 101	English Composition I	GRD				
RCO 102	English Composition II	GRD				
RCO 108	Residential College Core Course: The American Experience through 1890 (GHP, GLT, GPR, or GSB), etc.	GHP	GPM	GL		
RCO 109	Residential College Core Course: The American Experience through 1890 (GHP, GLT, GPR, or GSB), etc.	GHP	GMO			
RCO 110–119	Residential College Seminars in Mathematics	GMT				
RCO 208	Residential College Core Course: The American Experience 1900 to present (GHP, GLT, GPR, or GSB), etc.	GHP	GPM			
RCO 209	Residential College Core Course: The American Experience 1900 to present (GHP, GLT, GPR, or GSB), etc.	GHP	GMO			
RCO 210–219	Residential College Seminars in Philosophical, Religious, and Ethical Principles	GPR				
RCO 220–229	Residential College Seminars in Literature	GLT				
RCO 230–239	Residential College Seminars in Fine Arts	GFA				
RCO 240–244	Historical Perspectives of Western Culture	GHP	GPM			
RCO 245–249	Historical Perspectives of Western Culture	GHP	GMO			
RCO 250–254	Residential College Seminars in Natural Science	GNS	GLS			
RCO 255–259	Residential College Seminars in Natural Science	GNS	GPS			
RCO 260–269	Selected Topics				GN	
RCO 270–279	Residential College Seminars in Social and Behavioral Sciences	GSB				
RCO 280–289	Residential College Seminars in Literature	GLT				
REL 101	Introduction to Religious Studies	GPR		GL		
REL 104	Religion, Ritual, and the Arts	GPR		GL		
REL 109	Religion and Contemporary Culture	GPR				
REL 111	Non-Western Religion	GPR			GN	
REL 201	The Bible in Western Culture	GPR		GL		
REL 202	Hebrew Scriptures	GHP	GPM			
REL 204	New Testament and the Origins of Christianity	GHP	GPM	GL		
REL 207	Modern Problems of Belief	GPR				
REL 209	Elements of Christian Thought	GPR		GL		
REL 210	Christianity to the Reformation	GHP	GPM	GL		
REL 212	Christianity from the Reformation to the Present	GHP	GMO	GL		
REL 215	Judaism	GHP	GPM	GL		
REL 218	Non-Western Religions: China	GPR			GN	
REL 220	Non-Western Religions: Japan	GPR			GN	
REL 221	Buddhism	GPR			GN	
REL 223	Hinduism	GPR			GN	
REL 225	Islam	GPR			GN	
REL 229	Introduction to African American Religions	GHP	GMO			
REL 231	Religion in America	GHP	GMO			
REL 232	American Religious Thought: A Survey	GPR				
REL 240	Modern Jewish Thought	GHP	GMO	GL		
REL 250	Religious Traditions and Care of Earth	GPR			GN	
REL 251	Topics in Religious Social Ethics	GPR				
REL 258	Darwin, Evolution, and Human Nature	GPR				

General Education Course Summary Table

COURSE	TITLE	GE CORE	CAR	GLOBAL	GLOBAL/NW	LAB
REL 259	Philosophy of Religion	GPR				
REL 327	American Religious Thought II: The Romantic Tradition	GPR				
REL 351	Religion in Traditional Societies				GN	
RPM 101	Leisure and American Lifestyles	GSB				
RUS 101	Elementary Russian I				GN	
RUS 102	Elementary Russian II				GN	
RUS 201	Russian Literature in Translation	GLT			GN	
RUS 202	Russian Literature in Translation				GN	
RUS 203	Intermediate Russian		GFL		GN	
RUS 204	Intermediate Russian		GFL		GN	
RUS 306	Slavic Life and Letters: Topics				GN	
RUS 313	Major Authors in Russian Literature	GLT			GN	
RUS 314	Major Movements in Russian Literature and Culture	GLT			GN	
SES 200	People with Disabilities in American Society	GSB				
SES 240	Communication Development in Children	GSB				
SOC 101	Introduction to Sociology	GSB				
SOC 202	Social Problems in Global Context	GSB		GL		
SOC 222	Sociology of Deviant Behavior	GSB				
SOC 223	Global Deviance			GL		
SOC 227	Race and Ethnic Relations	GSB				
SOC 300	Post Soviet Societies				GN	
SOC 344	Global Society			GL		
SPA 100	Spanish for Health Care			GL		
SPA 101	Beginning Spanish I			GL		
SPA 101B	Beginning Business Spanish			GL		
SPA 102	Beginning Spanish II			GL		
SPA 102B	Beginning Business Spanish			GL		
SPA 203	Intermediate Spanish I		GFL	GL		
SPA 204	Intermediate Spanish II		GFL	GL		
SPA 222	Hispanic Masterpieces in English Translation	GLT		GL		
SPA 233	Hispanic Cultures and Civilizations			GL		
SPA 240	Intermediate Spanish I for Business		GFL	GL		
SPA 241	Intermediate Spanish II for Business		GFL	GL		
SPA 301	Advanced Spanish			GL		
SPA 311	Spanish Conversation			GL		
SPA 315	Intermediate Spanish Composition			GL		
SPA 332	Introduction to Spanish Culture			GL		
SPA 334	Introduction to Spanish American Culture			GL		
SPA 341	Business Spanish			GL		
SPA 351	Approaches to Hispanic Literature	GLT		GL		
SPA 402	Spanish Literature I	GLT		GL		
SPA 403	Spanish Literature II	GLT		GL		
SPA 404	Spanish American Literature I	GLT			GN	
SPA 405	Spanish American Literature II	GLT			GN	

General Education Course Summary Table

Course	Title	GE Core	CAR	Global	Global/NW	Lab
SPA 411	Advanced Spanish Conversation			GL		
SPA 415	Advanced Spanish Composition			GL		
STA 108	Elementary Introduction to Probability and Statistics	GMT				
SWK 311	Human Behavior and Social Environment	GSB				
SWK 522	Comparative Study of Cross-cultural Social Work Practice			GL		
THR 100	Drama Appreciation	GFA				
THR 130	Fundamentals of Acting	GFA				
THR 305	Development of American Musical Theatre	GFA				
THR 323	The Arts as Human Experience	GFA				
THR 500	Theatre History I	GLT				
THR 501	Theatre History II	GLT				
THR 502	Theatre History III	GFA				
THR 506	Non-Western Theatre and/or Film				GN	
WCV 101	Western Civilization	GHP	GPM	GL		
WCV 102	Western Civilization	GHP	GMO	GL		
WGS 250	An Introduction to Women's and Gender Studies	GSB				
WGS 333	Women in Non-Western Cultures	GHP	GMO		GN	
WGS 350	Introduction to Feminist Theories	GPR				

6. Academic Units

The College of Arts and Sciences

105 Foust Building

Timothy D. Johnston, Professor and Dean of the College
Denise N. Baker, Professor and Associate Dean
Robert C. Hansen, Professor and Associate Dean
Kevin W. Moore, Associate Dean for Research
Karen H. Patrick, Assistant Dean

Through its faculty, courses, and programs, the College of Arts and Sciences encourages intellectual inquiry and development of the knowledge and skills that enable critical examination of traditions and assumptions. A liberal education prepares students for informed and reflective participation in society, for sustained cultural and aesthetic enjoyment, and for a lifetime of learning.

Freedom and self-motivation in the context of a rational plan of disciplined study are fundamental to a liberal arts education. Students are encouraged to seek relationships among the various subjects studied and to develop a coherent intellectual perspective. To aid in this process, the College requirements build upon the University's General Education requirements.

The College of Arts and Sciences is composed of the departments of Anthropology; Art; Biology; Broadcasting and Cinema; Chemistry and Biochemistry; Classical Studies; Communication Studies; Computer Science; English; Geography; German and Russian; History; Mathematics and Statistics; Philosophy; Physics and Astronomy; Political Science; Psychology; Religious Studies; Romance Languages; Sociology; and Theatre. The College also includes Freshman Seminars, African American Studies, Archaeology, Environmental Studies, Humanities (online Bachelor of Arts in Liberal Studies program), International and Global Studies, Linguistics, and Women's and Gender Studies.

CASA, the College advising center, provides academic assistance for first-year and pre-major undergraduate students.

College of Arts and Sciences Additional Requirements (CAR)

In addition to the course requirements stated in the University's General Education Core (GEC) in chapter 5, students majoring in the College of Arts and Sciences must also complete the following:

Humanities (Literature GLT, Fine Arts GFA, Philosophical/Religious/Ethical Perspectives GPR)

Students in the College must distribute the 12 semester hours required by GEC in the Humanities as follows: GLT, six (6) hours; GFA, three (3) hours; and GPR, three (3) hours.

Historical Perspectives—Western Culture (GPM and GMO)

Students must complete a total of six (6) semester hours in GHP courses, with one course chosen from the premodern (GPM) list and one from the modern (GMO) list. See course lists on next page.

Natural Sciences (GLS and GPS)

Students must complete a total of 9–10 semester hours in GNS courses, with at least one course chosen from the Life Science (GLS) list, and at least one course chosen from the Physical Science (GPS) list. One of the three must include a laboratory. See course lists on next page.

Social and Behavioral Sciences (GSB)

Students must complete a total of nine (9) semester hours in GSB courses, with courses taken from at least two different academic departments.

Foreign Language (GFL)

Students are required to demonstrate intermediate-level proficiency in a foreign language. The typical sequence of UNCG courses for foreign language is 101, 102, 203, and 204. The College considers successful completion of the 204 course a demonstration of proficiency. Students may place out of one or more courses through a placement test.

Students whose high school courses were taught in a foreign language may document their proficiency with a high school transcript. Students who are proficient in a language other than those taught at UNCG may submit a letter of certification from a professor at any accredited U.S. college or university documenting proficiency. Students with documented learning disabilities or demonstrable long-standing difficulties learning a foreign language can apply for the Modified Foreign Language Program through which they may demonstrate proficiency.

Six (6) hours of foreign language course work may be used toward the General Education marker requirement of 12 hours of Global (GL) or Global Non-Western (GN) courses. See chapter 5.

Writing Intensive Courses (WI)

Students in the College of Arts and Sciences must complete a total of four (4) Writing Intensive (WI) courses:

1. At least one of the four (4) Writing Intensive courses must be in the student's primary major and at least one must be in the upper division (300 and above). A single course may satisfy both the requirement for a course in the major and the requirement for a course in the upper-division, as long as a total of four Writing Intensives are taken.
2. Students with 30–59 transfer hours, and returning students who completed 30–59 semester hours of their course work at UNCG prior to 1989, are required to take three Writing Intensive courses, distributed as in #1 above. Students with 60–89 transfer hours, and returning students who completed 60–89 hours at UNCG prior to 1989, are required to take two Writing Intensive courses, at

least one of which must be in the department or program of their primary major. Students with 90 or more transfer hours, or who return having completed 90 or more hours at UNCG prior to 1989, must take one Writing Intensive course. NOTE: Writing Intensive courses may also meet General Education Core category, marker, or major requirements.

Students who obtain a score of 5 on the English Advanced Placement Literature and Composition examination are exempted from one of the Writing Intensive courses. Contact the Department of English for further information.

SUMMARY OF CAR

Humanities

Twelve semester hours required, distributed as follows:

Literature (GLT)	6[AP]
Fine Arts (GFA)	3[AP]
Philosophical/Religious/Ethical (GPR)	3

Historical Perspectives—Western Culture 6[AP]

(based on GHP list)

Six (6) semester hours required, including one course from each category:

Premodern (GPM) (3 s.h.)

CCI 201 Introduction to Classical Civilization: The Greeks
CCI 202 Introduction to Classical Civilization: The Romans
CCI 211 Introduction to Classical Archaeology (Greece)
CCI 212 Introduction to Classical Archaeology (Rome)
CCI 220 The Ancient World
CCI 240 Ancient Warfare
CCI 307 Roman Myth and Legend
FMS 150 Freshman Seminar in Historical Perspectives: Premodern
FMS 151 Freshman Seminar in Historical Perspectives: Premodern—Global Perspectives
FMS 152 Freshman Seminar in Historical Perspectives: Premodern—Global Non-Western Perspectives
HIS 203 History of Africa to 1870
HIS 215 The Civilizations of Asia
HIS 220 The Ancient World
HIS 221 Medieval Legacy
HIS 222 Europe 1400–1789
HIS 251 The History of Western Science: A Survey
HIS 369 History of Spain
HIS 373 English History to 1660
HSS 201 Seminar in Historical Perspectives: Premodern
MUS 331 History of Western Music I
PHI 251 History of Ancient Philosophy
RCO 108 Residential College Core Course: The American Experience
RCO 240–244 Residential College Seminars in Historical Perspectives of Western Culture—Premodern
REL 202 Hebrew Scriptures
REL 204 New Testament and the Origins of Christianity
REL 210 Christianity to the Reformation
REL 215 Judaism
WCV 101 Western Civilization

Modern (GMO) (3 s.h.)

AFS 201 Introduction to African American Studies
CRS 372 Survey of Historic Costume
FMS 160 Freshman Seminar in Historical Perspectives: Modern
FMS 161 Freshman Seminar in Historical Perspectives: Modern—Global Perspectives
FMS 162 Freshman Seminar in Historical Perspectives: Modern—Global Non-Western Perspectives
HIS 204 History of Africa since 1870
HIS 211 The United States: A General Survey to 1865
HIS 212 The United States: A General Survey since 1865
HIS 216 The Civilizations of Asia
HIS 217 The World in the Twentieth Century: 1900–1945
HIS 218 The World in the Twentieth Century: 1945–1999
HIS 223 Modern Europe
HIS 239 Latin America: Colonial Period
HIS 240 Latin America: National Period
HIS 252 The History of Western Science: A Survey
HIS 301 Race and Slavery
HIS 302 Race and Segregation
HIS 311 Darwin and the Theory of Evolution
HIS 327 American Cultural History
HIS 335 The American Colonial Period, 1607–1763
HIS 336 The Age of the Democratic Revolution
HIS 360 The Structure of Scientific Change: Topics in the History of Science
HIS 371 Europe since World War I
HIS 374 British History 1688–Present
HIS 381 The Near and Middle East
HSS 202 Seminar in Historical Perspectives: Modern
MUS 434 American Music
PHI 252 History of Modern Philosophy
RCO 109, 208–209 Residential College Core Course: The American Experience
RCO 245–249 Residential College Seminars in Historical Perspectives of Western Culture—Modern
REL 212 Christianity from the Reformation to the Present
REL 229 Introduction to African American Religions
REL 231 Religion in America
REL 240 Modern Jewish Thought
WCV 102 Western Civilization
WGS 333 Women in Non-Western Cultures

Natural Science (GPS and GLS) 9–10[AP]

(based on GNS list)

Nine (9) to ten semester hours required including one laboratory course, and at least one course from each category:

Physical Science (GPS) (3–7 s.h.)

AST 203 Conceptual Astronomy
AST 209 Astronomy: The Solar System
AST 235 Astronomy: The Universe
CHE 101 Introductory Chemistry (formerly 106)
CHE 103 General Descriptive Chemistry I
CHE 104 General Descriptive Chemistry II
CHE 110 Introductory Chemistry Laboratory
CHE 111 General Chemistry I
CHE 112 General Chemistry I Laboratory
CHE 114 General Chemistry II
CHE 115 General Chemistry II Laboratory
FMS 183 Freshman Seminar in Physical Science
FMS 183L Freshman Seminar in Physical Science Laboratory
GEO 103 Introduction to Earth Science
GEO 106 Geosystems Science
GEO 106L Geosystems Science Laboratory
GEO 111 Physical Geology
GEO 111L Physical Geology Laboratory
GEO 121 Introduction to Geographic Information Science
GEO 311 Weather and Climate
GEO 311L Climatology Laboratory
GEO 314 Physical Geography: Landscape Processes
GEO 314L Physical Geography Laboratory
HSS 203 Seminar in the Physical Sciences
PHY 205 Conceptual Physics
PHY 205L Conceptual Physics Laboratory
PHY 211 General Physics I
PHY 211A General Physics I
PHY 212 General Physics II
PHY 212A General Physics II

PHY 291 General Physics I with Calculus
PHY 292 General Physics II with Calculus
RCO 255–259 Residential College Seminars in Natural Science*

Life Science (GLS) (3–7 s.h.)
ATY 253 Introduction to Physical Anthropology
BIO 105 Major Concepts of Biology
BIO 105L Major Concepts of Bio Laboratory
BIO 111 Principles of Biology I
BIO 112 Principles of Biology II
FMS 184 Freshman Seminar in Life Science
FMS 184L Freshman Seminar in Life Science Laboratory
HSS 204 Seminar in the Life Sciences
NTR 213 Nutrition Facts and Fantasies
PSY 230 Biological Psychology
RCO 250–254 Residential College Seminars in Natural Science*

**RCO 250–259 may carry either GPS or GLS credit; see advisor or semester* Schedule of Courses.

Social and Behavioral Sciences (GSB) 9[AP]

Nine (9) semester hours required, with courses from at least two different academic departments

Foreign Language (GFL) 0–12 or proficiency[AP]

Intermediate-level proficiency in one language required. Proficiency may be demonstrated by placement test or by completing course work through course number 204** in:

French, Chinese, German*, Greek, Italian, Japanese, Latin, Portuguese, Russian, or Spanish.

[AP]*Indicates that AP credit is available in these categories; see chapter 2 for AP course information.*

**In German, proficiency may also be demonstrated by completing GER 311.*

***Students are reminded that they will be eligible for election to the UNCG chapter of Phi Beta Kappa only if they have completed the equivalent of six (6) hours of foreign language study at the intermediate (203–204) college level.*

Non-native speakers of English are exempted from the College foreign language requirement.

Writing Intensive (WI) 12

Students must complete a total of four WI courses, with at least one at the 200 level or below, at least one at the 300 level or above, and one in the major. See semester *Schedule of Courses* for complete listing of Writing Intensive courses.

All students in the College must fulfill the foregoing College Additional Requirements (CAR). A course in the major may be used to satisfy College requirements.

Requirements for each of the degrees offered by the College of Arts and Sciences are included in the descriptions of majors, concentrations, and minors under the respective departments.

General Education/CAR Credit through Study Abroad

In addition to the previously listed General Education courses, students may receive General Education Core and Marker Credit and College Additional Credit (CAR) for courses taken in three overseas programs offered by the University's International Programs Center. For information about these courses, contact the International Programs Center, 127 McIver Street, UNCG, 336/334-5404.

Fall Semester in Estonia
Political System and Administration (GSB)
Estonian History (GHP)
Estonian Literature in Translation (GLT-GN)
Estonian Culture (GFA)
Ecology and Nature in Estonia (GNS)
Economy (GSB)

Fall Semester in Finland
Cultures and Societies of Scandinavia (GSB)
Indigenous Cultures of the Polar Region (GN)
Arts of Scandinavia (GFA)
Finnish and Scandinavian Literature in Translation (GLT-GN)
Nordic Nature and Environment (GNS)

Spring Semester in Poland
Arts in Contemporary Poland (GFA)
Culture and Society in Contemporary Poland (GSB)
Evolution of Political Systems in Eastern Europe (GSB)
History of Poland (GHP)
Transition of Central European Countries to Market Economies (GSB)
Polish Literature in Translation (GLT-GN)

Major Requirements

Major requirements are described for each program listed. A course cross-listed in the major department must be taken within the major and counts toward the total semester hours in the major.

Minor Requirements

Most departments and interdepartmental programs of the College offer a minor program which may be taken in conjunction with a major. A minor usually requires 15 to 21 semester hours in a department. No more than 8 of the hours in department courses may be taken at the 100 level and at least 9 hours must be taken in residence at UNCG.

Second Majors

A student may take a second major in conjunction with the first major. This program requires a minimum of 27 semester hours in each of two approved majors. All requirements of each major must be met; hours from the second major can be applied toward General Education requirements. A student with a first major outside the College who chooses a second major in one of the College departments is required to complete all of the departmental requirements for the second major but need not satisfy the Additional College General Education requirements (CAR). In the case of transfer students, at least 15 hours in each major must be taken at UNCG. Students wishing to complete a second major should contact the Office of the Director of Student Academic Services so that an advisor can be appointed in each major.

Career Skills Packages for Majors in the College of Arts and Sciences

Career Skills Packages are designed to be paired with a major in the College of Arts and Sciences, and thus are designed for students seeking their baccalaureate degrees. Their purposes are to expand opportunities for majors in the liberal arts and sciences to pursue course work in professional areas, thereby giving these students advantages in employment following graduation and a higher level of confidence in pursuing a major in the College from the outset.

Career Skills Packages consist of approximately 12–18 hour interdisciplinary curricular packages. In addition, an internship, preferably in an area related to the student's major, will be completed in the senior year. Most courses taken as part of the Career Skills Packages are above the 100 level. Students working on "skills packages" will be assigned a certificate advisor as well as a major advisor. Completion of a skills package in an approved area will be recorded on the student's official transcript.

The College currently offers Career Skills Packages in the following areas:

- Computer Programming
- Business

Students who are interested in learning more about Career Skills Packages are asked to contact the College of Arts and Sciences Advising Center (CASA) at 336/334-4361.

Career Skills Package in Computer Programming

Required: 13–16 semester hours

AOS Code: U910

This Career Skills Package prepares students for entry-level positions in computer programming. It requires 13–16 semester hours of courses and completion of an internship. If CSC 261 and MAT 353 are also taken, the program will prepare students to enter the M.S. in Computer Science program. This program is designed for current undergraduate students majoring in fields other than computer science. The program may be completed through day or evening classes.

Requirements

- MAT 150 (meets the GMT requirement) and MAT 253
- Students with no previous programming experience: CSC 130, 230 or 231, and 330
- Students with experience in programming equivalent to a one-semester course in a high-level programming language: CSC 231 and 330
- One of CSC 261, 339 or 340
- Completion of an internship, with emphasis on computer programming, to be selected from: ATY 499, BIO 497, BCN 494, CHE 490, CCI 450, CST 412, ENG 401 or 402, ENV 399, GEO 495, PSC 399, SOC 499. Another internship can be substituted with permission of advisor. Department requirements for internships must also be met.

Career Skills Package in Business

Required: 15 semester hours

AOS Code: U911

This Career Skills Package prepares students majoring in the College of Arts and Sciences with a background in fundamentals of accounting or economics as well as a basic set of business skills in the areas of communication, technology, and management.

Requirements

- One of ACC 201, ECO 101, or ECO 201
- ISM 110 or CSC 130
- CST 341 or MGT 309
- One of MGT 200, 312, 330, 354/SOC 354
- One additional 3-hour course in ECO, ACC, or MGT chosen in consultation with advisor
- Completion of an internship to be selected from: ATY 499, BIO 497, BCN 494, CHE 490, CCI 450, CST 412, ENG 401 or 402, ENV 399, GEO 495, PSC 399, SOC 499. Another internship can be substituted with permission of advisor. Department requirements for internships must also be met.

Professional Certificates in the College of Arts and Sciences

Professional certificates in the College of Arts and Sciences are designed for students who have already earned their baccalaureate degrees but who wish to expand their employment opportunities or acquire additional professional expertise. Professional certificates consist of approximately a 12–18 hour package of interdisciplinary course work that consists chiefly of introductory, foundational courses combined with some upper division courses.

The College currently offers Professional Certificates in the following areas:

- Computer Programming (see Computer Science)
- Nonprofit Management (see *The Graduate School Bulletin*, Department of Political Science)
- Women's and Gender Studies (see *The Graduate School Bulletin*, Women's and Gender Studies)
- Museum Studies and Historic Preservation (see *The Graduate School Bulletin*, Department of History)

Students who are interested in learning more about Professional Certificates are asked to contact the departments listed above.

Special Academic Programs in CAS (also see alphabetical program listings)

African American Studies
Archaeology
Freshman Seminars
Environmental Studies
Humanities
International and Global Studies
Linguistics
Medical Technology
Preprofessional Programs
Women's and Gender Studies

Student-Designed Interdisciplinary Major (SDIM)

The Student-Designed Interdisciplinary Major (SDIM) is an option available to students whose academic goals are not adequately served by any major, or combination of majors, second majors, and minors, available in the College of Arts and Sciences or in one of the professional schools.

Students selecting the SDIM option must satisfy all College Additional Requirements and meet all University academic regulations. The option may not be used as a way of circumventing the requirements of an established major, and SDIM Plans (see below) that constitute only minor changes to an existing major will not be approved. An SDIM Plan must represent a coherent academic program of study, not simply a collection of courses assembled to enable a student to obtain a degree.

The procedure for requesting approval of an SDIM is as follows:

1. A faculty member in the College must agree to serve as the student's advisor, to take responsibility for helping the student design a plan of study and for monitoring the student's progress. A student who wishes to pursue an SDIM, but is unsure which faculty to ask to serve as his or her advisor, should consult initially with the Associate Dean of the College, Room 100, Foust Building.
2. The student and the advisor devise a Plan of Study for the major. The Plan consists of:
   (1) A brief paragraph describing the aims and intentions of the proposed major, and explaining why no existing major or combination of majors, second majors, or minors can be used to pursue those aims;
   (2) A list of courses (minimum of 27 credits) that will constitute the major;
   (3) Either a list of courses or a narrative paragraph explaining how the student will satisfy (or has satisfied) the College's Liberal Education, foreign language, and writing-intensive requirements.

   The student's advisor should ensure that courses included in the Plan are in fact offered with reasonable frequency; not all courses listed in the *Bulletin* will be available with sufficient frequency to ensure timely graduation.
3. The Plan is initially submitted to the Associate Dean of the College for review. The Associate Dean will ensure that the Plan meets all the requirements noted above and will send copies of the approved Plan to the student, the major advisor, and the Office of Student Academic Services.
4. A student planning to graduate with an SDIM should submit the Plan of Study for review as soon as possible, but in any case prior to registering for the last 45 semester hours needed for graduation.
5. Any changes to the Plan after it has been submitted must be approved by the Associate Dean, who will forward the modified Plan to the Office of Student Academic Services. Generally, modifications will only be approved because some of the approved courses have become unavailable or because a new course appears to be better suited to the Plan than one that was originally included.

The College of Arts and Sciences Undergraduate Areas of Study

Department	Degree	Major	Hours Req	Area of Study—AOS Code (Licensure)
Anthropology	B.A.	Anthropology	122	◆ Anthropology—U101 ◆ Anthropology—U102 (Social Studies licensure)
Art	B.A.	Art	122	◆ Art History/Museum Studies—U104 ◆ Studio Art—U105
	B.F.A.	Art	128	◆ Design—U111 ◆ Painting—U113 ◆ Sculpture—U115 ◆ Art Education I—U107 (Spec Subj Area lic) ◆ Art Education II—U109 (Spec Subj Area lic)

The College of Arts and Sciences Undergraduate Areas of Study

Department	Degree	Major	Hours Req	Area of Study—AOS Code (Licensure)
Biology	B.A.	Biology	122	◆ Biology—U117 ◆ Biology—U119 (Secondary licensure) ◆ Environmental Biology—U122
	B.S.	Biology	122	◆ Biology—U116 ◆ Biology—U218 (Secondary licensure) ◆ Biotechnology—U214 ◆ Environmental Biology—U118 ◆ Human Biology—U863
Broadcasting & Cinema	B.A.	Media Studies	122	◆ Film & TV Studies—U856 ◆ Film & Video Production—U857 ◆ News & Documentary—U858 ◆ Media Management—U835 ◆ Media Writing—U847
	—		18	• Film & TV Studies (minor)—U859
	—		18	• Radio (minor)—U848
Chemistry & Biochemistry	B.A.	Chemistry	122	◆ Chemistry—U121 ◆ Chemistry—U125 (Secondary licensure)
	B.S.	Chemistry	122	◆ Biochemistry—U124 ◆ Chemistry—U123 ◆ Chemistry—U126 (Secondary licensure) ◆ Chemistry Research—U168
	—		19	• Chemistry (minor)—U121
	B.S.	Biochemistry	122	◆ Biochemistry—U860
Classical Studies	B.A.	Classical Studies	122	◆ Classical Archaeology—U352 ◆ Classical Civilization—U354 ◆ Classical Language & Literature—U357 ◆ Latin—U129 (Secondary lic)
	—		18	✶ Classical Studies (second academic concentration)—U130
	—		15	• Classical Studies (minor)—U350
Communication Studies	B.A.	Communication Studies	122	◆ Communication Studies—U137
Computer Science	B.S.	Computer Science	122	◆ Bioinformatics—U838 ◆ Computer Science—U180
	—		15	• Computer Science (minor)—U180
English	B.A.	English	122	◆ English—U155 ◆ English—U157 (Secondary lic)
	—		18	• English (minor)—U155
Geography	B.A.	Geography	122	◆ Earth Science/Environmental Studies—U167 ◆ Geographic Information Science—U164 ◆ Geography—U163 ◆ Geography—U169 (Social Studies licensure) ◆ Urban Planning—U165
German & Russian	B.A.	German	122	◆ German—U171 ◆ German—U173 (Spec Subj Area licensure)
	—			• German (minor)—U171
	—	Russian	15	• Russian (minor)—U160
History	B.A.	History	122	◆ History—U175 ◆ History—U177 (Social Studies licensure)
			15	• History (minor)—U175

The College of Arts and Sciences Undergraduate Areas of Study

Department	Degree	Major	Hours Req	Area of Study—AOS Code (Licensure)
Mathematics and Statistics	B.A.	Mathematics	122	◆ Mathematics—U179 ◆ Mathematics—U183 (Secondary licensure)
	B.S.	Mathematics	122	◆ Applied Mathematics—U852 ◆ Applied Mathematics—U850 (Secondary lic) ◆ Computer Science—U182 ◆ Computer Science—U854 (Secondary lic) ◆ Interdisciplinary—U178 ◆ Pure Mathematics—U853 ◆ Pure Mathematics—U851 (Secondary lic) ◆ Statistics—U184 ◆ Statistics—U855 (Secondary licensure)
	—		15	• Mathematics (minor)—U179
	—		15	• Statistics (minor)—U192
Philosophy	B.A.	Philosophy	122	◆ Philosophy—U189 ◆ Philosophy/Pre-law—U190
	—		18	• Philosophy (minor)—U189
Physics & Astronomy	B.A.	Physics	122	◆ Physics—U191 ◆ Physics—U195 (Secondary licensure)
	B.S.	Physics	122	◆ Physics—U193 ◆ Physics—U196 (Secondary licensure)
	—		15	• Physics (minor)—U191
Political Science	B.A.	Political Science	122	◆ Political Science—U197 ◆ Prelaw—U198 ◆ Political Science—U199 (Social Studies lic)
	—		15	• Political Science (minor)—U197
Psychology	B.A.	Psychology	122	◆ Psychology—U215 ◆ Psychology—U217 (Social Studies licensure)
	—		18–19	• Psychology (minor)—U215
Religious Studies	B.A.	Religious Studies	122	◆ Religious Studies—U219
Romance Languages	B.A.	French	122	◆ French—U159 ◆ French—U161 (Spec Subj Area licensure)
	—		15–21	• French (minor)—U159
	B.A.	Spanish	122	◆ Spanish—U227 ◆ Spanish—U229 (Spec Subj Area licensure)
	—		15–21	• Spanish (minor)—U227
Sociology	B.A.	Sociology	122	◆ Sociology—U221 ◆ Sociology—U223 (Social Studies licensure) ◆ Criminology—U222 ◆ Social Problems in a Global Society—U224
Theatre	B.A.	Drama	122	◆ Drama—U880
	—		18	• Drama (minor)—U880
	—		18	• Technical Theatre (minor)—U884
	B.F.A.	Drama	124 124 124 128	◆ Acting—U881 ◆ Design & Technical Theatre—U882 ◆ Technical Production—U885 ◆ Theatre Education—U883 (Spec Subj Area lic)

Special Degree Programs (sponsored by the College of Arts & Sciences)

Department	Degree	Major	Hours Req	Area of Study—AOS Code (Licensure)
Biology	B.S.	Bio/4+1 Med Tech	124	◆ Biology/Medical Tech—U186
Chemistry & Biochemistry	B.S.	Biochem/4+1 Med Tech	124	◆ Biochemistry/Medical Tech—U861
	B.S.	Chem/4+1 Med Tech	124	◆ Chemistry/Medical Tech—U188

Interdepartmental Programs (sponsored by the College of Arts & Sciences)

Interdepartmental Program	Degree	Major	Hours Req	Area of Study—AOS Code (Licensure)
African American Studies	B.A.	African American Studies	122	◆ African American Studies—U803
Archaeology	B.A.	Special Programs in Liberal Studies	122	◆ Archaeology—U808
Bachelor of Arts in Liberal Studies	B.A.	Special Programs in Liberal Studies	122	◆ Humanities—U820
Environmental Studies	B.A.	Special Programs in Liberal Studies	122/18	◆ Environmental Studies (major and minor)—U825
Medical Technology	B.S.M.T.	Medical Technology	124	◆ Medical Technology—U187
International & Global Studies				International & Global Studies, with the following options:
	B.A.	Special Programs in Liberal Studies	122	◆ International & Global Affairs & Development—U821
	B.A.	Special Programs in Liberal Studies	122	◆ International & Global Arts & Belief Systems—U822
	—		18	• International & Global Studies (minor)—U814
				Regional Studies with emphases in:
	—		18	• African Studies (minor)—U818
	—		18	• Asian Studies (minor)—U819
	—		27/18	• European Studies (second major or minor)—U812
	B.A.	Special Programs in Liberal Studies	122	◆ Latin American & Caribbean Studies—U823
	B.A.	Special Programs in Liberal Studies	122	◆ Russian Studies—U802
Linguistics	B.A.	Special Programs in Liberal Studies	122	◆ Applied Linguistics—U801
	B.A.	Special Programs in Liberal Studies	122	◆ Linguistics—U806
Women's & Gender Studies	B.A.	Women's & Gender Studies	122	◆ Women's & Gender Studies—U871

Special Certificate Programs (sponsored by the College of Arts & Sciences)

Dept	Degree	Certificate Program	Hours Req	Area of Study—AOS Code (Licensure)
Computer Science	—	Career Skills Package	13–16	◆ Computer Programming—U910
Interdepartmental	—	Career Skills Package	15	◆ Business—U911

Joseph M. Bryan School of Business and Economics

401 Bryan Building
www.uncg.edu/bae

James K. Weeks, Professor and Dean of the School
Donald L. McCrickard, Associate Professor and Associate Dean
Pamela R. Cash, Assistant Dean

Mission Statement

The Bryan School's mission is to:

- *offer educational programs that prepare students to perform successfully as business professionals in a global economy,*
- *conduct and disseminate scholarly research that enhances the performance of managed organizations and informs public policy decisions,*
- *provide professional services and outreach, and thereby,*
- *support the region's, state's, and nation's economic development.*

The Bryan School of Business and Economics is organized into four academic departments, each of which offers a program leading to the Bachelor of Science degree. The Department of Economics also offers a liberal-arts-oriented program leading to the Bachelor of Arts degree.

Departments

Accounting and Finance
Business Administration
Economics
Information Systems and Operations Management

The School's **Office of Undergraduate Student Services** provides academic advising which supplements and complements faculty advising. The Director, with a professional staff, coordinates orientation and registration for the School, and administers admission and retention of majors in the School.

The Office houses the Bryan School location of the University's Career Services Center, which is dedicated to working with business majors on career development and placement needs, and internship experiences. Additionally, the Office coordinates the advising and registration for business majors interested in study abroad.

The School supports one professional center and two professional offices. **The Center for Global Business Education and Research** promotes international business competency and literacy among students, fosters and disseminates research on global business issues, and creates outreach programs for the Triad business community. **The Office of Professional Development Programs** designs and provides the Program for Management Development and a variety of other high value management development programs and custom services designed to meet the specific needs of clients. **The Office of Business and Economic Research** conducts sponsored research of regional, national, and international interest.

Accreditation

Undergraduate and graduate programs offered by the Bryan School of Business and Economics are accredited by AACSB International, The Association to Advance Collegiate Schools of Business.

Scope

Programs within the Bryan School of Business and Economics prepare students for careers in business and other managed organizations, teaching, and government, or for graduate study. These programs combine the essentials of a professional education and the breadth of general education.

The essential components of a professional education in business and economics (Bachelor of Science degrees) include common courses for breadth and opportunities for advanced work for depth in the various business and economics disciplines. The common courses required for Bachelor of Science majors within the Bryan School of Business and Economics include ACC 201 or 218, 202; ECO 201, 202, 250, 300; FIN 315; ISM 110, 280; MGT 301, 309, 312, 330, 491; MKT 320; and SCM 302.

Noncredit courses, workshops, and special lectures and seminars by distinguished persons of national prominence promote continuing education for a diverse public.

Collaboration with North Carolina Agricultural and Technical State University (located in Greensboro) permits UNCG students to take courses not offered on the home campus—for example, Agricultural Economics or Agribusiness.

Enrollment in Bryan School Courses

Enrollment in Bryan School courses requires a minimum cumulative GPA of 2.0 on UNCG course work, regardless of the student's major or minor. This includes all courses offered under the following prefixes: ACC, BUS, ECO, FIN, ISM, MKT, MGT, and SCM. Courses numbered 300 and above may have additional enrollment restrictions that are outlined in the course description for each course.

Requirements for Majoring or Minoring in Bryan School Programs

Students pursuing a major or minor in the Bryan School of Business and Economics must have a grade point average no less than a 2.0 on UNCG course work. Students in the International Business Studies major and in the Accounting and Information Systems major must have at least a 2.50 on UNCG course work. Requests to major in one of the Bryan School's programs can be made in the Office of Undergraduate Student Services, 232 Bryan Building. After being accepted as majors in the Bryan School, students must then work toward admission to a specific program of study.

Criteria for Admission to Programs of Study in the Bryan School of Business and Economics

The following are *minimum* requirements for programs of study in the Bryan School. Individual programs may have additional requirements.

Pre-Admission Courses

B.S. programs:

ACC 201 or 218, 202; CST 105; ECO 201, 202, 250; ENG 101, 102; ISM 110, 280; and MAT 120 or 191

Economics B.A. program:

ECO 201, 202, 250; ISM 110; and MAT 120 or 191

Business Minor program:

ACC 201, 202, or 218, ECO 101 or 201, and ISM 110

Students should plan to complete the pre-admission courses by the end of the sophomore year, or as soon as possible thereafter.

Application for Admission

Students should apply for admission to the School and to a major during the semester in which they are completing pre-admission courses. Those completing the courses during a fall semester should apply by October 1. Those completing the courses during a spring semester or during the summer, should apply by March 1. Applications are available in the Undergraduate Student Services Office, 232 Bryan Building. Departments may require additional steps in the admission to major process.

Admission to a program of study may be denied in cases where additional enrollments would threaten the academic quality of classes or programs.

Criteria for Continuing in the Bryan School of Business and Economics

Students who have been admitted to the Bryan School of Business and Economics must be in good academic standing at UNCG, must maintain at least the GPA required for program admission, and must meet the continuation requirements of their programs of study.

Foreign Language Requirements

Foreign language through the first level of intermediate proficiency (through the 203 level) is required for all B.S. majors. The typical sequence of UNCG courses for foreign language is 101, 102, and 203. Students may be exempted from the beginning levels through a placement test. Students studying abroad may fulfill the foreign language requirement by taking any foreign language course in the host-country language, at any level.

International Business Studies majors are required to take additional foreign language courses and should work closely with their advisor in selecting the appropriate sequence.

Non-native speakers of English are exempted from this requirement.

Transfers

Since most of the courses in the major are taken during the junior and senior years, transfer students often complete their programs without extending their total stay beyond the usual four years. As a general guide, courses taught mainly to freshmen and sophomores here will usually, but not always, be accepted in transfer from accredited two-year colleges. Courses numbered 300 and above generally will not be accepted in transfer credit from two-year institutions. In order to allow timely completion of the pre-admission courses, transfer students are encouraged to complete MAT 120 or 191 (Calculus) prior to transferring.

Second Baccalaureate Degrees

Students pursuing a second bachelor's degree must meet all requirements within the Bryan School. A minimum of 50% of the Bryan School and departmental requirements must be completed at UNCG. The Bryan School cannot, at this time, accommodate persons who seek only to complete a series of courses in one field (such as Accounting or Information Systems).

Suggested Academic Workload Guidelines

The faculty of the Bryan School of Business and Economics recognizes that many Bryan School students hold jobs to support college expenses. The faculty wishes to emphasize that academic excellence and scholastic achievement usually require a significant investment of time in study, research, and out-of-class projects. To provide guidance to students in planning their academic and work schedules, the faculty of the Bryan School have endorsed the following recommendations:

1. In general, students should plan to devote between 2–3 semester hours outside of class for each hour in class. Thus, students with a 15-hour course load should schedule between 30–45 hours weekly for completing outside-of-class reading, study, and homework assignments.
2. Students who are employed more than 5–10 hours each week should consider reducing their course loads (semester hours), depending upon their study habits, learning abilities, and course work requirements.
3. Students should take into consideration that many business courses require group work and plan accordingly.

Scholarships and Fellowships

Procedures and requirements for applying for undergraduate scholarships are described in chapter 3, Expenses, Payments, Refunds, and Financial Aid.

Business Minor

Required: minimum of 21 semester hours

AOS Code: U398

The Business Minor, consisting of 21 semester hours, is available for majors outside the Bryan School of Business and Economics who are in good standing in the University. The minor complements a variety of professional and arts and sciences fields. To earn a Business Minor, a student must meet the following requirements in the order listed:

1. Complete ACC 201, 202, or 218, ECO 101 or 201, and ISM 110 with a GPA of 2.0 or better.
2. Apply for admission to the minor program in the Bryan School Student Services Office, Room 232, Bryan Building. A minimum cumulative GPA of 2.0 is required.
3. Consult with an advisor in the Undergraduate Student Services Office to select 12 s.h. of electives.

A cumulative GPA of 2.0 or better must be achieved in the 21 hours applied toward the minor.

Admission to the minor may be denied in cases where additional enrollments would threaten the academic quality of classes or programs.

Information Technology Minor

Required: minimum of 15 semester hours

AOS Code: U318

The Information Technology minor is available to any UNCG student (other than ISOM majors) who is in good standing in the University. The minor complements a variety of professional and arts and sciences fields. It focuses on various IT tools and applications and the use of these technologies to improve decision-making in a variety of professional environments.

Requirements

1. Admission to the minor. See Undergraduate Student Services, 232 Bryan.
2. Minimum GPA of 2.0
3. ISM 110 or equivalent and ISM 210, three additional courses from ISM 206, 280, 324, and SCM 304, for a total of 15 s.h., nine (9) s.h. of which must be successfully completed at UNCG

Honors Programs

The Bryan School supports and encourages students to participate in the Honors Programs administered by the Lloyd International Honors College.

Additional Information

Additional information regarding academic planning, course sequencing, and course requirements can be found at www.uncg.edu/bae.

Joseph M. Bryan School of Business and Economics Undergraduate Areas of Study

Department	Degree	Major	Hours Req	Area of Study—AOS Code (Licensure)
Accounting & Finance	B.S.	Accounting	122	◆ Accounting—U301
	B.S.	Finance	122	◆ Finance—U360
Business Administration	B.S.	Business Administration	122	◆ Human Resources—U326 ◆ Entrepreneurship/Small Business—U337 ◆ Business Studies—U331
	B.S.	Marketing	122	◆ Marketing—U327
Economics	B.A.	Economics	122	◆ Economics—U305 ◆ Economics—U309 (Social Studies lic)
	B.S.	Economics	122	◆ Business & Public Policy—U333 ◆ Applied Economic Analysis—U334 ◆ Global Economic Policy—U335 ◆ Economic Studies—U336 ◆ Financial Economics—U329 ◆ Economics—U311 (Social Studies lic)
	—		18	• Economics (minor)—U305
Information Systems & Operations Management	B.S.	Information Systems & Operations Mgt	122	◆ Information Systems—U313 ◆ Supply Chain Management—U339
	—		15	• Information Technology (minor)—U318
Interdepartmental (Accounting/Information Systems & Operations Mgt)	B.S.	Accounting & Information Systems	125	◆ Accounting & Information Systems—U302
Interdepartmental	B.S.	International Business Studies	122	◆ International Business Studies—U830
Interdepartmental	—	Business	21	• Business (minor)—U398

School of Education

329 Curry Building

Dale H. Schunk, Professor and Dean of School
Betty Epanchin, Professor and Associate Dean for Teacher Education
Ada Vallecorsa, Professor and Associate Dean for Operations

The School of Education comprises six departments and five centers.

Departments

Counseling and Educational Development (CED)
Curriculum and Instruction (CUI)
Educational Leadership & Cultural Foundations (ELC)
Educational Research Methodology (ERM)
Library and Information Studies (LIS)
Specialized Education Services (SES)

Centers

Center for Educational Research and Evaluation
Center for Educational Studies and Development
Center for School Accountability, Staff Development, and Teacher Quality
Collegium for the Advancement of Schools, Schooling, and Education
Interdisciplinary Center for eLearning

All departments are engaged in graduate programs leading to master's, specialist's, and/or doctoral degrees. The Department of Curriculum and Instruction and the Department of Specialized Education Services offer undergraduate degrees as well; their Bachelor of Science programs prepare students for the Standard Professional I License in North Carolina. Undergraduate majors are available in Elementary and Middle Grades Education, Education of Deaf Children, and Special Education.

The School of Education also supports programs in teacher education conducted under the auspices of other schools (Music; Health and Human Performance; Human Environmental Sciences) and departments within the College of Arts and Sciences by responding to course requirements in the areas of social, philosophical, and psychological foundations, methodology, and curriculum and student teaching. Recent emphases in competency-based curricula and individualized programming contribute to new designs of teacher education programs.

All licensure programs for school personnel are approved by the North Carolina State Department of Public Instruction and accredited by the Southern Association of Colleges and Schools and the National Council for Accreditation of Teacher Education.

The School of Education continues to seek realization of its goals as a professional school to create and disseminate new knowledge in professional education, to engage in field services and apply research findings, to prepare practitioners, and to study the profession. A general discussion of Teacher Education may be found in **Teacher Education Programs** in chapter 7.

Departments of the School of Education that offer undergraduate programs are listed below. Students seeking further information on graduate-level programs are referred to *The Graduate School Bulletin*.

School of Education Undergraduate Areas of Study

Department	Degree	Major	Hours Req	Area of Study—AOS Code (Licensure)
Curriculum & Instruction	B.S.	Elementary Education	122	◆ Elementary Educ—U251 (K–6 lic)
	B.S.	Middle Grades Educ	122	◆ Middle Grades Educ—U254 (6–9 lic)
Curriculum & Instruction and Specialized Education Services	B.S.	Dual Major: Elementary Education & Special Education: General Curriculum	127	◆ Elementary Education & Special Education—U252
Specialized Education Services	B.S.	Education of Deaf Children	125 122 128 126	◆ Auditory-Oral/B–K Licensure—U261 (B–K lic) ◆ Community-Based Services—U260 ◆ Interpreter Training—U875 ◆ Teacher Preparation—U145 (K–12 lic)
	B.S.	Special Education: General Curriculum	127	◆ Special Educ—U265 (K–12 lic)
Specialized Education Services and Curriculum & Instruction	B.S.	Dual Major: Elementary Education & Special Education: General Curriculum	127	◆ Elementary Education & Special Education—U252

School of Health and Human Performance

401 Health and Human Performance Building

David H. Perrin, Professor and Dean of School
Robert Mayo, Professor and Associate Dean

In the School of Health and Human Performance, academic programs are offered through the Department of Communication Sciences and Disorders, the Department of Dance, the Department of Exercise and Sport Science, the Department of Public Health Education, the Department of Recreation, Tourism, and Hospitality Management including the Hospitality and Tourism Management Program. Each department offers varied courses for all University students and programs of study leading to undergraduate majors and minors in their respective areas. Graduate degrees in Dance, Communication Sciences and Disorders, Public Health Education, Recreation, Tourism, and Hospitality Management, and Exercise and Sport Science are also offered. The School's programs are designed to meet specialized interests of students and also the requirements of state and national accrediting agencies and professional associations.

The **Department of Communication Sciences and Disorders** provides opportunities for the study of normal speech, language, and hearing and the associated disorders, leading to the Bachelor of Science degree in Speech Pathology and Audiology. The courses offered in this program are pre-professional and prepare the student for further study at the graduate level. Faculty and students in Communication Sciences and Disorders provide services to the University Speech and Hearing Center, and engage in cooperative work with area schools, hospitals, and other human service agencies. In addition, the faculty and students in Communication Sciences and Disorders are actively involved in research.

In the **Department of Dance**, the Bachelor of Fine Arts degree provides a Dance major with an emphasis in choreography and performance. The Bachelor of Science degree, with a major in Dance Education, is designed to lead to North Carolina licensure for teaching in public schools. A teaching licensure concentration may also be added to other degree programs in the Department. The Bachelor of Arts degree in Dance offers concentrations in a variety of areas; it is especially appropriate for students who wish to double major. A Concentration in Community Dance for individuals who wish to work as dance artists with underserved populations is available to students in any of the Department's majors. A Dance minor and master's degree are also available.

The **Department of Exercise and Sport Science** offers the major in Exercise and Sport Science leading to the Bachelor of Science degree. Within Exercise Science and Sport Studies, students may select concentrations in Fitness Leadership or Sports Medicine. The ESS Pedagogy concentration prepares students for teaching in grades K–12 (licensure track) or in Community Youth Sport Development (non-licensure track). The Exercise Science and Sport Studies Major prepares students for careers in preventive and rehabilitative exercise and fitness, and may be tailored to meet the needs and interests of students planning graduate study in athletic training, medicine, occupational therapy, or physical therapy. This department also offers graduate studies leading to the master's degree and doctoral degrees.

The **Department of Public Health Education** offers the Public Health major, leading to the Bachelor of Science degree. Within the Public Health major, students may select a concentration in Community Health Education or Health Studies. The Community Health Education concentration is a professional program preparing graduates to become Health Educators. The requirements of the Community Health Education concentration meet the professional standards of the field of Health Education allowing graduating students to sit for the Certified Health Education Specialist (CHES) national credentialing exam. A Health Studies concentration is available for those looking for a pre-professional or non-professional degree option. A Health Studies minor is also available. The department also offers graduate studies leading to a Master of Public Health (M.P.H.) degree and the Doctor of Public Health (Dr.P.H.) degree in community health education. As a complement to the academic enterprise of the department, faculty, and students within Public Health Education are also actively involved in local and national research.

In the **Department of Recreation, Tourism, and Hospitality Management** a student majoring in Recreation and Parks Management may choose from three areas of concentration: Leisure Services Management, Therapeutic Recreation, or Commercial Recreation. These concentrations lead to the Bachelor of Science degree. A Recreation and Parks Management minor and a minor in Travel, Tourism, and Commercial Recreation, in addition to a Master of Science (M.S.) degree, are also available. The undergraduate program has been fully accredited by the NRPA/AALR Council on Accreditation since 1981.

The **Hospitality and Tourism Management Program** offers a Bachelor of Arts degree in Hospitality and Tourism Management with two concentrations: Hotel and Restaurant Management and Travel and Tourism Management. The Bachelor of Arts degree balances business, hospitality, and tourism classes with work in the field through student internships. Students are able to gain valuable industry experience and develop a professional industry network over the course of this degree program. Opportunities for international study are also available.

Further details about specific major programs can be found in the alphabetical Department listings on the following page. Graduate degree programs and graduate-level courses are described in *The Graduate School Bulletin*.

HHP COURSE (HHP)

The School of Health and Human Performance has developed a course that aims to provide experiences to students in relating to others who are significantly different from themselves, and to provide an increased sensitivity and understanding of these differences. This course is designed especially for freshmen and sophomores in the School of Health and Human Performance but is open to all undergraduates.

Course for Undergraduates

110 Bridging Differences through Community Relationships: Health and Human Performance (1)

- *Open to all undergraduates*
- *Grade: Pass/Not Pass (P/NP)*

Expanding experience of race, gender, ethnicity, social class, and/or other identities through developing relationships in community settings related to health and human performance.

School of Health and Human Performance Undergraduate Areas of Study

Department	Degree	Major	Hours Req	Area of Study—AOS Code (Licensure)
Communication Sciences & Disorders	B.S.	Speech Pathology & Audiology	122	◆ Speech Pathology & Audiology—U143
Dance	B.A.	Dance	122	◆ Dance Studies—U435
	B.F.A.	Dance	128	◆ Dance B.F.A.—U431
	—	any Dance major	18	✶ Community Dance (concentration)—U428
Exercise & Sport Science	B.S.	Exercise & Sport Science		Exercise Science & Sport Studies
			122	◆ Aquatic Instructor Leadership—U423
			122	◆ Fitness Leadership—U412
			122	◆ Sports Medicine—U421
				Exercise Pedagogy
			125–128	◆ Physical Educ Teacher Educ—U409 (Spec Subj Area lic)
			124	◆ Community Youth Sport Development—U422
	—		21	• Sport Coaching (minor)—U410
Public Health Education	B.S.	Health Education	124	◆ Community Health Educ—U407 ◆ Health Studies—U448
Recreation, Tourism, and Hospitality Management	B.S.	Recreation and Parks Management	122	◆ Leisure Services Management—U419 ◆ Therapeutic Recreation—U413 ◆ Commercial Recreation—U445
	—		15	• Recreation and Parks Management (minor)—U418
	—		15	• Travel, Tourism, & Commercial Recreation (minor)—U426
	B.A.	Hospitality and Tourism Management	122	◆ Hotel & Restaurant Management—U452 ◆ Travel & Tourism Management—U453
	—		15	• Hospitality & Tourism (minor)—U450

School of Human Environmental Sciences

235 Stone Building

Laura S. Sims, Professor and Dean
Marion O'Brien, Professor and Associate Dean
John C. Rife, Professor and Associate Dean

Programs within the School of Human Environmental Sciences prepare students for careers in the field of applied human sciences. Our science-based teaching and research programs focus on humans in multiple environmental contexts.

Students receive a broad-based liberal education that includes University requirements and School requirements along with the courses required for their particular majors. Our programs are unique in their ability to utilize basic principles from many disciplines to solve human problems and to meet social needs.

The strong research efforts within the School serve to enhance and support highly challenging undergraduate programs. The five majors offered are:

Consumer, Apparel, & Retail Studies
Human Development & Family Studies
Interior Architecture
Nutrition
Social Work

Special facilities of the School of Human Environmental Sciences include six classrooms associated with the Child Care Education Program and the Historic Costume and Textile Collection, the Family Research Center, the North Carolina Agricultural Research Service, the Human Environmental Sciences Office of Research, Computer Aided Design laboratories in Interior Architecture and Apparel Product Design, the Apparel Production Management Center, the Harris Teeter, Inc. and The Dickson Foundation Cellular and Molecular Nutrition Research Laboratory, Center for Innovation in Interior Architecture, and the Center for New North Carolinians.

School of Human Environmental Sciences Undergraduate Areas of Study

Department	Degree	Major	Hours Req	Area of Study—AOS Code (Licensure)
Consumer, Apparel, & Retail Studies	B.S.	Consumer, Apparel, & Retail Studies	122	◆ Apparel Product Design—U538 ◆ Retailing & Consumer Studies—U539
Human Development & Family Studies	B.S.	Human Development & Family Studies	122	◆ Birth thru Kindergarten Tch Lic—U526 (B–K lic) ◆ Child & Adolescent Development in the Family—U508 ◆ Early Care & Education—U531 ◆ Family Studies—U530
	—		18	• Human Development & Family Studies (minor)—U514
Interior Architecture	B.S.	Interior Architecture	142	◆ Interior Architecture (5-year program)—U540
Nutrition	B.S.	Nutrition	122	◆ Nutrition Science—U550 ◆ Human Nutrition & Dietetics—U552 ◆ Nutrition & Wellness—U533
	—		18	• Nutrition (minor)—U553
Social Work	B.S.W.	Social Work	122	◆ Social Work—U894 ◆ School Social Work—U895 (School Social Work licensure)
	—		15	• Social Work (minor)—U894

Lloyd International Honors College

205 Foust Building
336/334-5538
www.uncg.edu/hss

Dennis Patrick Leyden, Associate Professor and Director of the College
Pamela L. McRae, Assistant Director
Sarah A. Krive, Program Associate
Caryn J. Atwater, Honors Advisor
Mark Hens, Director Undergraduate Scholars Program
Melvalyn Allred, Secretary

Lloyd International Honors College, a member of the National Collegiate Honors Council, provides able and motivated undergraduate students with an enhanced and supportive intellectual and social experience that acculturates them to the life of the mind and helps them to become critical, independent thinkers who are active in the design and pursuit of their own education, and prepared to lead successful and fulfilling professional, civic, and personal lives. Through enhanced academic opportunities, the inclusion of international and global perspectives, a variety of co-curricular and extra-curricular activities, and the camaraderie of top students and faculty, Lloyd International Honors College provides its students with opportunities and challenges that provide benefits for a lifetime. Along the way, Lloyd International Honors College staff stands ready to provide guidance, support, and encouragement to help students craft a program of study that meets their individual needs and interests, and opens up new possibilities for the future.

Admission to Lloyd International Honors College

Admission to Lloyd International Honors College is required to take Honors courses and to participate in many of the Lloyd International Honors College's activities. To apply for admission, students must submit a completed application form for the General-Education Honors Program or the Disciplinary Honors Program. All application forms are available on the Lloyd International Honors College Web site. Minimum requirements to be considered for admission depend on the applicant's status at the time of application.

Incoming Freshmen

Either a combined SAT math + critical reading score of 1200 (ACT composite score of 27), or a weighted high school GPA of 3.80. The SAT math, verbal, and writing test scores must all be submitted on the application. If the writing score is significantly lower than the verbal and math scores, the application runs the risk of being rejected. If the writing test score is especially high, the application may be accepted even if the high school weighted GPA and the combined math + verbal score is not quite at minimum levels.

Transfer Students

An aggregate GPA of 3.30 from all former institutions. Transcripts to verify the aggregate GPA should be submitted from all prior institutions attended.

Continuing UNCG Students

Continuing UNCG students must have at least a 3.30 GPA.

Programs

Lloyd International Honors College offers two enhanced academic programs—the General-Education Honors Program and the Disciplinary Honors Program. **Students interested in pursuing these programs must consult with an International Honors College advisor before enrolling in Honors courses.**

The General-Education Honors Program is designed to complement and enrich the University's General-Education Program for students in any major. Students who complete the General-Education Honors Program replace regular general-education courses with Honors general-education courses, reach a basic level of language competency in a second language, and complete an international experience, thus providing themselves with a solid liberal education with international and global perspectives, that is a valuable foundation for study in any major and for life after graduation.

The Disciplinary Honors Program allows students in all majors to do Honors work in their majors or in upper-division interdisciplinary studies. Through Disciplinary Honors, students have the opportunity to study topics in depth and to do original, sophisticated research under the supervision of a faculty member, thus giving themselves a competitive advantage when applying to graduate school or beginning a career.

Students who complete the General-Education Honors Program and the Disciplinary Honors Program are recognized for their high achievement and awarded Full University Honors.

Courses

Honors courses are taught by faculty members who are among the best at UNCG, who are deeply engaged with their disciplines, and who are dedicated to helping students achieve their greatest potential. Honors courses are typically small (20–25 students) and foster discussion, collaboration, and mutual discovery among students and faculty. Typically, Honors courses fulfill a variety of University and departmental requirements.

There are several types of Honors courses:

- Honors Seminars in which students explore interdisciplinary topics in greater breadth and/or depth than in typical courses while fulfilling General Education Core requirements;
- Honors sections of regular UNCG courses that allow students to explore other topics or continue to do Honors work in their major;
- Honors Tutorials and Honors Independent Study through which students either individually or in small groups work with a professor on a topic of mutual interest;
- the Senior Honors Project in which a student, under the guidance of a professor, produces a research project.
- Honors Contract courses that allow students to enhance a regular undergraduate course and receive Honors credit for that course. *Note: Honors Contract courses can be used only to fulfill Disciplinary Honors Program requirements; they cannot be used to fulfill General-Education Honors Program requirements.*

The variety of Honors courses, and particularly the chance to customize one's curriculum through tutorials and independent studies, means that students have considerable control over their own education. Moreover, many of the advanced Honors courses, such as the Senior Honors Project, allow students to do original and sophisticated work, and are an excellent preparation for graduate school, professional training, and other post-graduation endeavors.

Honors Advising

Lloyd International Honors College staff offers top-rate group and individual advising to help students discover the best ways to take advantage of Honors at UNCG, and to make sure that students have the needed support and encouragement along the way to completing their degrees. A variety of informal information sessions and colloquia are also provided for students interested in talking about particular topics of interest such as study abroad, internships, or graduate school.

Extra-Curricular Activities and Student Involvement

Lloyd International Honors College sponsors a number of extracurricular events. Among these events are weekly coffees where students and faculty get together to discuss various issues, the annual Raft Debate, the annual Student Symposium, lectures and special performances, field trips, dinners with faculty, and community service projects.

UNC Semester in Washington Program

Lloyd International Honors College is the UNCG administrator for the UNC Semester in Washington Program, a joint program of The University of North Carolina System's constituent institutions. The UNC Semester in Washington Program is offered every fall, spring, and summer, and gives students from all academic disciplines a chance to engage in an internship and academic study while living in Washington, DC. Students earn twelve (12) hours of academic credit—six (6) hours for an internship, three (3) hours for a Washington Experience course, and three (3) hours for a distance course or an independent study directed by a faculty member from their home institutions. Each of the participating institutions can send up to three (3) students who live together with a UNC System faculty member on Capitol Hill.

Interested students who have at least a 3.0 GPA and junior or senior status may apply for consideration by the selection committee. Membership in Lloyd International Honors College is not required to apply.

Honors Abroad Experiences

In collaboration with UNCG's Office of International Programs, Lloyd International Honors College offers competitive Honors Abroad Experiences for Honors students interested in an Honors enhanced study abroad experience at select locations abroad. To be considered, students must (1) submit an Honors Abroad application to Lloyd International Honors College and (2) be accepted for study abroad at an appropriate location by the Office of International Programs. Accepted students are given a grant to defray travel costs associated with studying abroad, and an all-expenses paid (except for food) week at a foreign location with a UNCG faculty member.

Students accepted into an Honors Abroad Experience enroll in HSS 310, a three-credit Honors course, in addition to whatever courses are taken at the foreign university. HSS 310 requires that students meet with a UNCG faculty member before traveling abroad to discuss readings about their trip and the character of the country they are about to visit. Students and the UNCG faculty member then spend approximately a week exploring and taking in cultural activities abroad before students go to their foreign university for the semester. During their semester, students take classes, travel, and engage in a variety of writing assignments that allow them to reflect on their experience. Finally, students gather for a colloquium upon returning to UNCG the following semester.

Scholarships

Lloyd International Honors College administers the prestigious Undergraduate Scholars Program, a merit scholarship program (see the Merit Awards Program entry in the **Expenses, Payments, Refunds, and Financial Aid** chapter of this *Bulletin* for details). Membership in Lloyd International Honors College is not required to apply; however, all members of the Undergraduate Scholars Program are strongly encouraged to join Lloyd International Honors College.

Lloyd International Honors College also offers the Lichtin Family Honors Scholarship, a competitive, merit award for a rising junior or senior Honors student who plans on continuing to participate in Honors.

For students interested in competing for nationally competitive scholarships and fellowships, many of which provide support for graduate study both in the U.S. and abroad, the Lloyd International Honors College provides in-depth advice and support. Students who wish to complete an application are given hands on coaching to assure that their application is of the highest quality. Among the scholarships and fellowships that students may compete for are the Fulbright, the Rhodes, the Marshall, the Goldwater, the Mellon, the Truman, and the Udall. Recent UNCG students have received awards for study in such diverse locations as Canada, Germany, Sri Lanka, Mali, and Trinidad.

Honors Awards

Lloyd International Honors College administers awards that recognize high achievement. At the Honors Convocation every spring, the College bestows the Student Excellence Award, the University's highest undergraduate honor, on outstanding seniors. The College also hosts an annual banquet to honor those students who have successfully completed one of Lloyd International Honors College's programs.

School of Music

220 Music Building

John J. Deal, Professor and Dean of School
William P. Carroll, Professor and Associate Dean

The School of Music is an accredited institutional member of the National Association of Schools of Music. The requirements for entrance and graduation as set forth in this catalog are in accordance with the published regulations of the National Association of Schools of Music. The School of Music is the sole representative of the State of North Carolina to the National Association of Music Executives in State Universities.

The School of Music offers the only comprehensive music program from undergraduate through doctoral study in both performance and music education in North Carolina. Unlike either more specialized programs in conservatory-type institutions or more general curricula encountered in most departments of music, studies in the School of Music complement rigorous professional training with that broad liberal education necessary for students both to function as informed, responsible citizens and, concurrently, to communicate most effectively as musicians.

The Bachelor of Music degree in Performance is a professional music degree that prepares students for future careers as performers, composers, and/or teachers; it requires students to spend approximately two-thirds of their time in music study.

The Bachelor of Music degree in Music Education prepares students for positions as choral directors or teachers of general music (principal performance area usually voice, piano, or organ) or for positions as instrumental directors (principal performance area in orchestral or band instruments) in public schools; it requires students to spend approximately two-thirds of their time in music and teacher licensure study.

The Bachelor of Music degree in Jazz Studies is a professional music degree that prepares students for future careers in jazz performance, composition/arranging, and pedagogy. It requires students to spend approximately two-thirds of their time in music study. The principal instruments are saxophone, trumpet, trombone, piano, guitar, bass, and percussion.

The Bachelor of Arts degree in Music is a liberal arts degree that provides valuable undergraduate preparation for a variety of careers; it requires students to spend approximately one-third of their time in music study. Exceptions to prescribed degree programs must have written approval of the Dean of the School of Music.

All prospective music majors and minors must audition for members of the music faculty for acceptance into the School of Music and for approval of the major or principal performance area. Such auditions should be arranged in advance through the School of Music; taped auditions are acceptable only if distance prohibits a personal audition. Composition majors should submit scores and/or recordings of completed compositions. Successful audition/composition submission results are valid for one calendar year.

Please see chapter 7 for complete School of Music requirements, programs, and courses.

School of Music Undergraduate Areas of Study

School	Degree	Major	Hours Req	Area of Study—AOS Code (Licensure)
Music	B.A.	Music	123	◆ General Music—U602
	B.M.	Jazz Studies	123	◆ Jazz Performance—U618 *saxophone, trumpet, trombone, piano, guitar, bass, percussion*
	B.M.	Music Education	125	◆ Choral/General Music Educ—U626 (Spec Subj Area lic) ◆ Instrumental Music Educ—U629 (Spec Subj Area lic)
	B.M.	Performance	123	◆ Composition—U607 ◆ Instrument Performance—U611 *strings, brass, woodwinds, percussion* ◆ Keyboard Performance—U636
			125	◆ Voice Performance—U635

School of Nursing

112 Moore Building

Lynne G. Pearcey, Professor and Dean
Virginia B. Karb, Associate Professor and Associate Dean
Eileen M. Kohlenberg, Associate Professor and Associate Dean

Mission Statement

As an integral academic unit of The University of North Carolina at Greensboro, the School of Nursing is dedicated to teaching, research, and service that contribute to the maintenance and improvement of health for individuals, families, and communities. With a commitment to excellence, the School of Nursing provides mutually supportive undergraduate and graduate nursing programs.

Students are afforded opportunities at various stages of their lives to obtain an education that is firmly grounded in the liberal arts, congruent with standards for professional nursing practice, and preparatory for lifelong learning and professional development. The School of Nursing is dedicated to the primacy of teaching that is based in scholarship and to the advancement of knowledge through research. The intellectual resources of the School of Nursing are used to provide professional and public services to a global society.

As part of an urban university, the School of Nursing recognizes its responsibility to provide exemplary learning environments on campus, through distance education, and in underserved areas of North Carolina. The School of Nursing is committed to sustaining a community in which women and men of any racial or ethnic identity, age or background are motivated to develop their full potential and to achieve an informed appreciation of their own and different cultures.

The School of Nursing offers an undergraduate program leading to the Bachelor of Science in Nursing degree. The first two years of study are in general education, basic sciences, humanities, and basic nursing. The majority of work in the junior and senior years is in nursing.

The School of Nursing offers a Master of Science in Nursing degree to prepare persons for a leadership role in nursing education, administration, and clinical practice. This program has a strong research emphasis and is founded on specialization in clinical practice. The School, along with the Bryan School of Business and Economics, offers the M.S.N./M.B.A. The School of Nursing offers the Ph.D. in Nursing to prepare nurses as scientists in academia and industry.

Accreditation

The program offered by the School of Nursing is approved by the North Carolina Board of Nursing. It is accredited by the National League for Nursing Accrediting Commission (NLNAC). For information, contact the NLNAC at 61 Broadway, New York, NY 10006, 212/363-5555. The School of Nursing is an agency member of the National League for Nursing in the NLN Council of Baccalaureate and Higher Degree Programs.

The School of Nursing is accredited by the Commission on Collegiate Nursing Education (CCNE), One Dupont Circle, NW, Suite 530, Washington, DC 20036-1120, 202/887-6791.

Philosophy

The philosophy of the faculty at the School of Nursing is a statement of the beliefs and values they hold about the discipline and profession of nursing, as well as nursing education. The conceptual framework and the goals of the undergraduate and graduate programs are built upon this philosophy.

Nursing is both a practice discipline and a profession. Comprising the discipline is a unique body of knowledge that is integral to nursing practice, nursing education, and nursing administration. The body of knowledge is continuously developed and refined as an outcome of scientific, historical, philosophical, and ethical inquiry and clinical evaluation. Nursing knowledge is generated about health experiences and behaviors of persons across the life span. Clinical evaluation advances nursing knowledge through the testing and validation of interventions that are used in nursing practice, nursing education, and nursing administration. The metaparadigm concepts of person, environment, health, and nursing form the foundation upon which inquiry and the profession are based.

Professional nurses use knowledge developed by the discipline to promote optimal health in people and to achieve professional goals. Nursing is an essential component of the health care delivery system and includes the promotion of wellness, the detection of alterations in health, and the provision of care for those with illness, disease, or dysfunctions. Professional nursing is characterized by inquiry, caring, and practice. Nurses are professionally, ethically, and legally accountable for the care they provide, and their practice includes independent and interdependent functions.

Professional nursing education is built upon a foundation of liberal arts, humanities, and the sciences, and it provides opportunities for learners to attain competencies required to practice professional nursing. Mature learners identify their own learning needs and assume responsibility for continued learning. Effective teachers establish an inviting learning environment that promotes collaboration among themselves and their learners for achievement of educational goals. Baccalaureate education prepares nurses to function as generalists, while education at the master's level prepares nurses as advanced practitioners in a speciality area.

At the doctoral level, nurses are prepared as scientists to practice in academia and industry.

Please see chapter 7 for complete details on School of Nursing admission, policies, requirements, programs, and courses.

School of Nursing Undergraduate Areas of Study

School	Degree	Major	Hours Req	Area of Study—AOS Code (Licensure)
Nursing	B.S.N.	Nursing	122	◆ Nursing—U701
			122	◆ Nursing/RN to B.S.N.—U702
			122	◆ Nursing/RN 2Plus Program—U710

7. Departments, Programs, & Courses

Department of Accounting and Finance

Bryan School of Business & Economics

418 Bryan Building
336/334-5647
www.uncg.edu/bae/acc

Faculty

Daniel T. Winkler, Professor and Head of Department
Professor Arrington
Associate Professors Balbirer, Brown, Harden, Iyer, Watkins, Wingler
Assistant Professors Livingstone, Shough, Upton
Lecturers Harrison, Hersberger, Khanlarian, Milanese

Mission Statement

The mission of the Department of Accounting and Finance of the Joseph M. Bryan School of Business and Economics is (1) to provide high quality programs of education for accounting and finance majors at the undergraduate and graduate levels, (2) to provide high quality courses to support the undergraduate and graduate programs offered by the Bryan School and the University at large, (3) to simulate and support productive, high quality research, scholarship, and publication, (4) to provide service, largely through committee representation to the University, the Bryan School, the Department, the Academic Accounting and Finance Community, and the Accounting profession, and (5) to foster faculty interaction with the external community that serves the needs of the external community.

The primary goal of the department is to provide programs of quality education in accounting and finance at the undergraduate and graduate levels. The undergraduate program provides an excellent foundation for careers in industry, government and other not-for-profit organizations; is sufficiently broad to qualify graduates for a wide range of entry-level, business-related positions; and prepares students for further graduate-level studies in areas such as accounting, finance, law, and business administration.

The Department of Accounting and Finance also offers a Bachelor of Science degree with a major in finance. The undergraduate finance program deals with the theory, organization, and operation of the financial system from both a market and a managerial viewpoint. Students are expected to develop analytical abilities and to present their analyses in both written and oral form.

Undergraduate majors are offered a broad range of courses from the areas of financial management, financial institutions, and investments.

Graduates may take managerial positions in controllership or treasury work in non-financial businesses as well as a wide array of careers in financial services and banking. In addition, the degree may lead to positions in risk management and real estate departments of public agencies and private corporations as well as insurance and real estate companies.

At the graduate level, the Bryan School offers courses in finance as part of the Master of Business Administration (M.B.A.) program.

Student Learning Goals

Critical thinking, quantitative aptitude, teamwork, and good communication skills are necessary to function effectively in today's highly competitive, global environment. In order to assure that our graduates are prepared to meet the challenges of the future, our students will be able to:

- Identify business and economic problems and opportunities, and evaluate the global, competitive aspects and the ethical, legal, and environmental dimensions of these problems and opportunities
- Demonstrate an awareness and understanding of the role of demographic diversity and political, social and technological forces in creating and affecting identified problems and opportunities
- Employ accounting, behavioral science, and economics to analyze identified problems and opportunities and to develop and evaluate alternative plans to address these problems and opportunities
- Apply critical listening, reading, speaking, and writing skills to work and communicate with others effectively one-on-one, in team settings, and in formal presentations
- Use appropriate mathematical, statistical, research, and information technology skills in the analysis of problems and opportunities and in the development and evaluation of alternative plans
- Engage in deeper critical analysis of business problems and opportunities from the perspective of an accounting or finance major

Accounting Major (ACCT)

Degree: Bachelor of Science

Required: 122 semester hours, to include at least 36 hours at or above the 300 course level

AOS Code: U301

General Program Requirements

1. Formal admission to the Department of Accounting, including the following:
   a. Successful completion of ACC 202, 218; CST 105; ECO 201, 202, 250; ENG 101, 102; ISM 110, 280; and MAT 120* or 191
   b. Grades of C or better in ACC 202, 218, ECO 201, and ISM 280
   c. Cumulative GPA of at least 2.0
2. Grades of C or better in ACC 318, 319, and 325
3. 122 s.h.
4. At least 50 percent of the business semester hours required for the degree must be earned at UNCG.

**MAT 115 or 119 or 150 may be needed as a prerequisite for MAT 120 depending upon math placement test score or completion of previous college math.*

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
Historical Perspectives on Western Culture (GHP)	3
Natural Sciences (GNS)	6–7
one must be a laboratory course; each must have a different departmental prefix	
Department specifies courses for:	
One additional GLT, GFA, or GPR course	3
foreign language XXX 203B (e.g., SPA 203B) or equivalent	
Mathematics (GMT)	3
MAT 120 or 191	
Reasoning and Discourse (GRD)	6
ENG 101 (or FMS 115 or RCO 101), and ENG 102	
Social and Behavioral Sciences (GSB)	6
ECO 201 and 202	

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)

four (4) courses carrying GL/GN markers: 3–6 s.h. (1–2 courses) of the same foreign language depending upon placement; 2–3 additional GL/GN courses, one of which must carry the GN marker

One Speaking Intensive (SI) Course

In addition to this SI Marker requirement, **students must also complete a second SI course within the major**. All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course

In addition to this WI Marker requirement, **students must also complete a second WI course within the major**. All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III Major and Related Area Requirements

1. ACC 202, 218, 318, 319, 325, 330, 420, 440, 450
   (Transfer credit will be given for Accounting courses at the 300 level or above only by examination.)
2. BUS 105A**; CST 105*; ECO 201*, 202*, 250, 300*; ENG 102*; FIN 315; ISM 110, 280; MAT 120* or 191*; MGT 301*, 309*, 312, 330 or 331, 491; MKT 320; SCM 302
3. Nine (9) s.h. of a foreign language*; see chapter 6 for requirement details.

**MAT 120 or 191 fulfills GMT; ENG 102 and CST 105 fulfill GRD; ECO 201 and 202 fulfill GSB; ECO 300, MGT 301, and foreign language fulfills 9–12 semester hours of GL/GN requirement; MGT 309 fulfills major WI and SI; CST 105 fulfills SI outside major.*

***BUS 105A is for students entering UNCG as freshmen and must be taken during the first two semesters of enrollment.*

IV Electives

Electives sufficient to complete the 122 semester hours required for degree.

Accounting & Information Systems Major (ACIS)

Degree: Bachelor of Science

Required: 125 semester hours, to include at least 36 hours at or above the 300 course level

AOS Code: U302

This major is offered jointly with the Department of Information Systems and Operations Management.

General Program Requirements

1. Formal admission to the Department of Accounting, including the following:
   a. Successful completion of ACC 202, 218; CST 105; ECO 201, 202, 250; ENG 101, 102; ISM 110, 280; and MAT 120* or 191
   b. Grades of C or better in ACC 202, 218, ECO 201, ISM 110 and 280
   c. Cumulative GPA of at least 2.50
2. Grades of C or better in ISM 210, 240, 301, 318 and ACC 318, 319, and 325
3. 125 s.h.
4. At least 50 percent of the business semester hours required for the degree must be earned at UNCG.

**MAT 115 or 119 or 150 may be needed as a prerequisite for MAT 120 depending upon math placement test score or completion of previous college math.*

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
Historical Perspectives on Western Culture (GHP)	3
Natural Sciences (GNS)	6–7
one must be a laboratory course; each must have a different departmental prefix	
Department specifies courses for:	
One additional GLT, GFA, or GPR course	3
foreign language XXX 203B (e.g., SPA 203B) or equivalent	
Mathematics (GMT)	3
MAT 120 or 191	

Reasoning and Discourse (GRD) 6
ENG 101 (or FMS 115 or RCO 101), and ENG 102
Social and Behavioral Sciences (GSB) 6
ECO 201 and 202

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers: 3–6 s.h. (1–2 courses) of the same foreign language depending upon placement; 2–3 additional GL/GN courses, one of which must carry the GN marker

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major**. All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major**. All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III Major and Related Area Requirements

1. ACC 202, 218, 318, 319, 325, 330 or 440, 460; ISM 110, 210, 240, 280, 301, 318, 324 or 325
   (Transfer credit will be given for Accounting courses at the 300 level or above only by examination.)
2. BUS 105A**; CST 105*; ECO 201*, 202*, 250, 300*; ENG 101*, 102*; FIN 315; ISM 360; MAT 120* or 191*; MGT 301*, 309*, 312, 330 or 331, 491; MKT 320
3. Nine (9) s.h. of a foreign language*; see chapter 6 for requirement details.

**MAT 120 or 191 fulfills GEC MT; ENG 101, and ENG 102 or CST 105 fulfill GEC RD; ECO 201 and 202 fulfill GEC SB; ECO 300, MGT 301, and foreign language fulfill 9–12 hours of GL/GN requirement; MGT 309 fulfills major WI and SI requirements; CST 105 fulfills SI requirement outside major*

***BUS 105A is for students entering UNCG as freshmen and must be taken during the first two semesters of enrollment.*

IV Electives

Electives sufficient to complete 125 semester hours required for degree.

Honors in Accounting

Requirements

For Honors requirements, check with the departmental office and see **Honors Programs** in this chapter.

Accelerated Master's Program for Accounting Majors

Interested students should see **Accelerated Master's Programs for Undergraduates** for details about the B.S. in Accounting/M.S. in Accounting program requirements.

Finance Major (FINC)

Degree: Bachelor of Science

Required: 122 semester hours, to include at least 36 hours at or above the 300 course level

AOS Code: U360

General Program Requirements

1. Formal admission to Finance major:
   a. Successful completion of ACC 202, 218; CST 105; ECO 201, 202, 250; ENG 101 or FMS 115 or RCO 101, ENG 102; ISM 110, 280; MAT 120* or 191
   b. Grade of C or better in ACC 202, 218
   c. A cumulative GPA of at least 2.0
2. Grades of C or better in all ACC and FIN courses used toward the major.
3. 122 s.h.
4. At least 50 percent of the business semester hours required for the degree must be earned at UNCG

**MAT 115 or 119 or 150 may be needed as prerequisites for MAT 120 depending upon math placement test score or completion of previous college math.*

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
Historical Perspectives on Western Culture (GHP)	3
Natural Sciences (GNS)	6–7
one must be a laboratory course; each must have a different departmental prefix	
Department specifies courses for:	
One additional GLT, GFA, or GPR course	3
foreign language XXX 203B (e.g., SPA 203B) or equivalent	
Mathematics (GMT)	3
MAT 120 or 191	
Reasoning and Discourse (GRD)	6
ENG 101 or FMS 115 or RCO 101, and ENG 102	
Social and Behavioral Sciences (GSB)	6
ECO 201 and 202	

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers: 3–6 s.h. (1–2 courses) of the same foreign language depending upon placement; 2–3 additional GL/GN courses, one of which must carry the GN marker

One Speaking Intensive (SI) Course

In addition to this SI Marker requirement, **students must also complete a second SI course within the major**. All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course

In addition to this WI Marker requirement, **students must also complete a second WI course within the major**. All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III Major Requirements

1. FIN 330, 350, 410, 442
2. At least two additional courses selected from: FIN 320, 325, 420, 430, 444, 449, 493, 499; ACC 318, 319, 330, 420; ECO 351

IV Related Area Requirements

1. ACC 202, 218; BUS 105A**; CST 105*; ECO 201*, 202*, 250, 300*; ENG 101*, 102*; FIN 315; ISM 110, 280; MAT 120* or 191*; MGT 301*, 309*, 312, 330, 491; MKT 320; SCM 302
2. Nine (9) s.h. of a foreign language; see chapter 6 for requirement details.

**MAT 120 or 191 fulfills GMT; ENG 101, and ENG 102 or CST 105 fulfill GRD; ECO 201 and 202 fulfill GSB; ECO 300, MGT 301, and foreign language fulfill 9–12 semester hours of GL/GN requirement; MGT 309 fulfills major WI and SI requirements; CST 105 fulfills SI requirement outside major.*

***BUS 105 is for students entering UNCG as freshmen and must be taken during the first two semesters of enrollment. Students are encouraged to take BUS 105 during their first semester if space is available.*

V Electives

Electives sufficient to complete 122 total semester hours required for the degree.

ACCOUNTING COURSES (ACC)

Enrollment in Accounting courses requires a minimum 2.0 GPA on UNCG course work, regardless of a student's major or minor.

Courses for Undergraduates

201 Financial Accounting (3:3)
Pr. MAT 115

Introduction to external financial statements of organizations, emphasizing the use of accounting information in making investment and other decisions. Addresses ethical considerations and role of financial reporting in society.

202 Managerial Accounting (3:3)
Pr. ACC 201 or 218

Introduction to internal accounting and reporting of organizations, emphasizing the use of accounting information used by management and other decision makers within the organization.

203 Double-Entry Formal Accounting Systems (1:1)
Pr. grade of C or better in ACC 201; GPA 2.0 or above

Essential aspects of accounting cycle, including journalizing and posting transactions, making necessary adjustments, preparing financial statements and closing the books.

218 Financial Statement Preparation and Disclosures (3:3)
Pr. MAT 115

- *Required entry course for all Accounting and Finance majors*

First financial accounting course for students desiring to pursue upper division accounting courses. Includes coverage of basic financial statement preparation, time value of money concepts, and techniques for accounting valuations.

318 Intermediate Accounting I (3:3)
Pr. grade of C or better in ACC 218 and ECO 201

Focuses on the conceptual framework underlying financial reporting by business enterprises, the processes by which authoritative accounting guidelines are promulgated, and the preparation, presentation, interpretation, and use of financial statements.

319 Intermediate Accounting II (3:3)
Pr. admission to program or other approved program; grade of C or better in ACC 318

The second course in the two-course intermediate accounting sequence. Continues the examination of the preparation, presentation, interpretation, and use of financial statements.

325 Accounting Transaction Processing Systems (3:3)
Pr. admission to program or other approved program; grade of C or better in ACC 318

Designed to provide an understanding of a variety of accounting subsystems, systems analysis, and design issues reinforced through case studies.

330 Cost Accounting (3:3)
Pr. admission to program or other approved program; grade of C or better in ACC 318

Costs and cost accounting principles, costing systems, cost determination procedures; control and analytical practices for managerial decision-making.

350 Internship in Accounting (3:0:20)
Pr. grade of C or better in ACC 318; admission to the Accounting program; permission of internship coordinator

This course provides students with an opportunity to apply accounting knowledge in a business environment and to gain a better understanding of the accounting profession.

420 Federal Tax Concepts (3:3)
Pr. admission to program or other approved program; grade of C or better in ACC 318

Tax structure and tax principles. Accounting principles and procedures related to tax accounting. Application of tax and accounting principles to specific problems

440 Auditing Concepts (3:3)
Pr. grade of C or better in ACC 319 and 325; admission to program or other approved program

Concepts underlying audit process, procedures used in external auditing, statistical application, preparation of audit programs, and reports. Use of audit software to conduct control risk assessment and substantive tests.

450 Accounting, Ethics, and International Business (3:3)
Pr. grade of C or better in ACC 319, admission to Department or other professional program approved by Department

First half of course focuses on ethical import of accounting in modern organizations; second half of course focuses on accounting practices and regulations in different countries.

460 Capstone Experience in Systems Assurance (3:3)
Pr. admission to program or other approved program; grade of C or better in ACC 319, 325; ISM 240, 301, 318

Course represents the culmination of a student's experience in the Accounting and Information Systems major. Students will apply concepts and design an AIS to support a company's business processes.

493 Honors Work (3–6)
Pr. 3.30 GPA in the major, 12 s.h. in the major
- *May be repeated for credit if the topic of study changes.*

499 Independent Research in Accounting (1–3)
Pr. admission to program, senior standing, and permission of Department
- *May be repeated for credit with approval of department head.*

Individual study of an issue or problem(s) in accounting of particular interest to the student. Student must arrange time and course requirements with instructor prior to registration.

FINANCE COURSES (FIN)

Courses for Undergraduates

300 The Management of Personal Finance (3:3)
Pr. 2.0 GPA

Personal budgeting and accounting; borrowing money; buying on credit; personal income tax returns; saving and wise investment of savings; insurance; home ownership.

315 Business Finance I (3:3)
Pr. ACC 202, 201 or 218, ECO 201, 202, 250; 2.0 GPA

Recognition and analysis of financial problems. Integrated approach to financial management emphasizing basic concepts of valuation, investment, and financial structure.

320 Principles of Risk Management and Insurance (3:3)
Pr. grade of C or better in FIN 315; junior standing; admission to a program of study in the Bryan School or other professional program approved by the School

Investigation of risk and the risk management process including the role of insurance. Social insurance, financial planning issues, employee benefits and pension and retirement planning are included.

325 Fundamentals of Real Estate (3:3)
Pr. grade of C or better in FIN 315; junior standing; admission to a program of study in the Bryan School or other professional program approved by the School

Examination of principles, practices, and policies affecting real estate markets. Topics include the nature of real property, mortgages, real estate financing, and real property law.

330 Financial Institutions and Markets (3:3)
Pr. grade of C or better in FIN 315; admission to a program of study in the Bryan School or other professional program approved by the School

Principal institutions and markets comprising the financial system; their roles in short-term, long-term and equity financing, interest rate determination and capital formation. Interrelationships between domestic and international and financial markets. Government policy objectives and regulations as influences on the financial system.

350 Derivatives (3:3)
Pr. grades of C or better in ACC 218 and FIN 315; junior standing; admission to approved program

Investigation of risk and the financial risk management process including portfolio insurance. Topics include options, futures, hedging, decision trees, and sensitivity analysis.

360 Internship in Finance (3:0:20)
Pr. grade of C or better in FIN 315; admission to the Finance program; permission of internship coordinator

Provides students with an opportunity to apply finance knowledge in a business environment and to gain a better understanding of the finance profession. (FALL & SPRING & SUMMER)

410 Business Finance II (3:3)
Pr. grades of C or better in ACC 218 and FIN 315; admission to approved program

Theory and practical application of capital budgeting, cost of capital and capital structure analysis, working capital management, and financial analysis and planning.

415 Advanced Corporate Finance (3:3)
Pr. FIN 410; admission to a program of study in the Bryan School . or other professional program approved by the School

An examination of the interrelationships between major financial policy decisions. Topics include capital structure theory, corporate debt capacity, risk and capital budgeting, dividend policy, corporate restructuring, and mergers and acquisitions.

420 Real Estate Finance (3:3)
Pr. grade of C or better in FIN 315; admission to a program of study in the Bryan School or other professional program approved by the School

Working knowledge of real estate finance. Topics include mortgage markets and institutions, methods and practices of real estate finance, and real estate appraisal and investment analysis.

430 Real Estate Investment (3:3)
Pr. grade of C or better in FIN 315; admission to a program of study in the Bryan School or other professional program approved by the School

Introduction to the foundations and practices in real estate investment. The principal emphasis is on real estate investment principles and concepts, the investment environment, financial analysis and practical applications.

442 Investments (3:3)
Pr. grades of C or better in ACC 218 and FIN 315; admission to approved program

Investment principles and practices, investment policies, security analysis, and the mechanics and mathematics of security purchases. Long- and short-term fluctuations of security prices, functions of securities markets and regulatory bodies, and individual investment needs.

444 International Finance (3:3)
Pr. grades of C or better in ACC 218 and FIN 315; admission to approved program

Examination of international finance from standpoint of the firm. Topics include international money and capital markets, foreign exchange markets, investments in foreign operations, as well as financing strategies for foreign operations.

449 Seminar in Finance (3:3)
Pr. grade of C or better in FIN 315; admission to a program of study in the Bryan School or other professional program approved by the School

Independent study, research, and class discussion covering a topic or group of related topics of current interest in financial theory, policy, or practice. Topics may vary each semester.

471 Life Insurance and Financial Planning (3:3)
Pr. FIN 320; admission to a program of study in the Bryan School or other professional program approved by the School

Emphasis on life insurance in the financial planning process. Explores the role of savings and investment and the creation, preservation, and taxation of wealth.

472 Property and Liability Insurance (3:3)
Pr. FIN 320; admission to a program of study in the Bryan School or other professional program approved by the School

Examination of coverages and exclusions found in direct damage and indirect loss contracts and liability insurance contracts as risk management devices for the treatment of pure risk.

473 Risk Management (3:3)
Pr. FIN 315; admission to a program of study in the Bryan School or other professional program approved by the School

Identification and evaluation of risk with emphasis on risk treatment. Attention given to risk financing, including cash-flow plans.

493 Honors Work (3–6)
Pr. permission of instructor; 3.30 GPA in the major, 12 s.h. in the major
- *May be repeated for credit if the topic of study changes.*

499 Problems in Finance (3:3)
Pr. senior majors; permission of instructor; grade of C or better in FIN 315
- *May be repeated for credit with approval of department head.*

Independent study, research, and class discussion covering a topic or group of related topics of current interest in theory or policy of finance. Topics may vary from semester to semester.

Please refer to The Graduate School Bulletin *for graduate-level courses.*

African American Studies Program

College of Arts & Sciences

200 Foust Building
336/334-5507
www.uncg.edu/afs

COMMITTEE MEMBERS
Frank Woods, Director, African American Studies Program
Shelly L. Brown, Department of Sociology
Michael Cauthen, Lecturer, African American Studies and Freshman Seminars Programs
Steven Cureton, Department of Sociology
George Dimock, Department of Art
SallyAnn H. Ferguson, Department of English
William D. Hart, Department of Religious Studies
Colleen Kriger, Department of History
Deborah Pelli, Department of Biology

Mission Statement

The African American Studies Program is committed to sustaining an academic environment in which African American students and students of every race or ethnicity are motivated to develop to their full potential. Through interdisciplinary courses, the students can achieve an informed appreciation of the history and socioculture of persons of African descent, as well as the history and socioculture of others. Set in an urban institutional environment, the Program offers students an array of scholastic and experiential opportunities. The Program contributes to the social, aesthetic, and ethical development of its students and supports them as they pursue their academic goals. African American Studies nurtures intellectual curiosity, tolerance, and commitment to the ideals of social justice and equality, attributes prized by the University community and society at large.

African American Studies Major (AFST)

Degree: Bachelor of Arts

Required: 122 semester hours, to include at least 36 hours at or above the 300 course level

AOS Code: U803

The African American Studies major gives students an integrated and critical understanding of the experiences and contributions of peoples of African descent in the Americas. African American Studies also provides students with the opportunity to examine experiences of African Americans using theories and methods from a wide range of disciplines.

African American Studies students will be able to apply these theories and methods to better understand the social, political, and economic problems facing African Americans. They will also gain an enhanced recognition of the enduring strengths and heroic accomplishments that underlie the black presence in the New World. In addition, students graduating with the major will be well prepared for leadership in the African American community, in particular, and American society in general. The African American Studies Program is committed to offering an academically challenging curriculum coupled with a solid foundation of liberal arts education.

REQUIREMENTS

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Student may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
Mathematics (GMT)	3
Natural Sciences (GNS)	6–7
one must be a laboratory course; each must have a different departmental prefix	
Reasoning and Discourse (GRD)	6
ENG 101 or FMS 115 or RCO 101, and one additional GRD course	
Department specifies courses for:	
One additional GLT course *(student may select)*	3
Historical Perspectives on Western Culture (GHP)	3
required: AFS 201	
Social and Behavioral Sciences (GSB)	6
required: AFS 210 and one other GSB course	

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers, at least one of which must carry the GN marker

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major.** All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major.** All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III College of Arts and Sciences Additional Requirements (CAR)

See pp. 89–91 for requirements and approved courses.

Historical Perspectives on Western Culture	3
one GHP/GPM course	
Natural Sciences	3–4
one additional GNS/GLS or GPS course	
Social and Behavioral Sciences (GSB)	3
one additional GSB course	
Foreign Language (GFL)	0–12
intermediate-level proficiency in one language, demonstrated by placement test, or completion of course work through course number 204	
Writing Intensive Courses (WI)	
a total of four WI courses	

IV Major and Related Area Requirements

Minimum 30 semester hours to include the following:

Core Courses (15 semester hours)

1. AFS 201*, 210*, 410
2. ENG 374 or 376
3. HIS 301 or 302 or 389

Additional AFS and Related Area Courses (15 semester hours)

Students should select an additional 15 hours from the following courses:

AFS 200, 305, 310, 320, 400; ART 102; DCE 232, 332; ATY 325; ENG 204, 315; HIS 203, 204, 306, 399, 502, 524, 581; MUS 214; PHI 121; PSC 391; REL 229; SOC 222, 227, 425; WGS 333

**AFS 201 satisfies GHP and CAR GMO; AFS 210 satisfies one GSB requirement*

V Electives

Electives sufficient to complete 122 semester hours required for degree.

African American Studies as a Second Major

Students who wish to declare a second major in African American Studies must complete all requirements listed above under the degree selected.

African American Studies Minor

Required: minimum of 18 semester hours

AFS 201 and 210 are required for all AFS minors. Students may select the additional 12 hours required for the minor from any courses listed in "Additional AFS and Related Area Courses".

African American Studies Courses (AFS)

GE Core denotes General Education Core credit; GE Marker denotes General Education Marker credit; CAR denotes College Additional Requirement credit.

Courses for Undergraduates

200 African American Art History (3:3)

The development of African American art placed within the context of mainstream American art and the history of the blacks in this country.

201 Introduction to African American Studies (3:3)
GE Core: GHP CAR: GMO

Introduction to African American culture through a historical and social perspective. (FALL & SPRING & SUMMER)

210 Blacks in American Society: Social, Economic, and Political Perspectives (3:3)
GE Core: GSB

Social, political, economic experience of blacks in the United States. Topics include the black family, Civil Rights Movement, black politicians, and blacks in the labor market. (FALL & SPRING & SUMMER)

305 Special Topics in African American Studies (3:3)
- *May be repeated once for credit when topic varies.*

An in-depth study of a selected topic or topics in African American Studies involving directed reading and research. (FALL & SPRING & SUMMER)

310 The Portrayal of African Americans in Film (3:3)
An examination of African American film roles as a reflector of America's perception of black character and behavior. Various film genres will be considered for insight into movie portrayals as social commentary. (SPRING)

320 The African American Athlete (3:3)
An examination of the lives and careers of African American athletes and their struggles to gain acceptance in both competitive and social settings. (FALL OR SPRING)

400 Independent Study (1–3)
Pr. permission of Director of African American Studies and faculty mentor.
Intensive independent study on special topics related to the African American experience. (FALL & SPRING & SUMMER)

410 Seminar in African American Studies (3:3)
Pr. completion of 12 s.h. of AFS core requirements (AFS 201, 210, ENG 374 or 376, HIS 301 or 302 or 389); junior or senior status; and permission of instructor
Capstone seminar on issues in African American Studies and their significance to American society and the world. (FALL & SPRING)

493 Honors Work (3–6)
Pr. permission of instructor; 3.30 GPA in the major, 12 s.h. in the major
- *May be repeated for credit if the topic of study changes.*

Department of Anthropology

College of Arts & Sciences

426 Graham Building
336/334-5132
www.uncg.edu/ant/

FACULTY
Arthur D. Murphy, Professor and Head of Department
Professor Mountjoy
Associate Professor Andreatta
Lecturers Davis, Hartley, Reichart, Stine
Visiting Assistant Professors Cohen, Gunn, Yoder

Anthropology is a broad discipline which includes physical anthropology—the study of humans as biological animals; cultural anthropology—the study of humankind in a cultural perspective; archaeology—the recovery and interpretation of ancient human biological and cultural remains; and linguistics—the study of language in culture and society.

The general undergraduate major provides for extensive study in cultural anthropology, archaeology, linguistics, and physical anthropology. Majors who develop a particular interest in one of the subdisciplines may pursue a concentration in that area up to a maximum of 60 semester hours. Majors have opportunities to develop mentoring relationships with members of the faculty on current research projects as well as fieldwork projects. Internships in various agencies are also available.

Anthropology as a major prepares individuals to pursue many avenues of career development. It is the basis for a career as a professional anthropologist. Anthropology combined with other courses of study as double majors enhances career possibilities and professional development. There are, however, increasing opportunities for anthropologists to work in government agencies and business. In such settings, the knowledge which they have may be applied to the solution of human problems.

Through the accelerated master's program, an anthropology major may earn both a master's degree in a related field and a bachelor's degree in anthropology in approximately five years. Majors must begin planning early in this program as well as obtaining careful advising. Opportunities exist for an M.A. in Economics and a Master of Business Administration.

Anthropology Major (ANTH)

Degree: Bachelor of Arts

Required: 122 semester hours, to include at least 36 hours at or above the 300 course level

AOS Code: U101

The General Anthropology Major provides training in human biological, social and behavioral science within the broader framework of a liberal arts education. The program presents a holistic view of the nature of humans in society, past and present, through courses in linguistics, prehistory, physical anthropology, and cultural anthropology. It provides a solid foundation for both a basic liberal arts education as well as for one of the concentrations in anthropology.

Student Learning Goals

Upon completion of the program, Anthropology majors will be able to: demonstrate a broad knowledge of cultural diversity, ethnocentrism, and cultural relativity; analyze the social, political, and religious structure of diverse societies; distinguish Old, New, and Post-Processual Archaeology, including the ability to recover and analyze artifacts from archaeological sites; demonstrate knowledge of the mechanisms of biological evolution and analyze fossil evidence for such; analyze phonemes, parts of speech, and the basic phrase structure of languages.

PROGRAM REQUIREMENTS

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Student may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
Historical Perspectives on Western Culture (GHP)	3
Mathematics (GMT)	3
Reasoning and Discourse (GRD)	6
ENG 101 or FMS 115 or RCO 101, and one additional GRD course	

Department specifies courses for:

Natural Sciences (GNS) 6–7

ATY 253 and one other GNS course with a different departmental prefix

Social and Behavioral Sciences (GSB) 6

ATY 213 and one other GSB course
(see III for additional GSB requirement)

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)

four (4) courses carrying GL/GN markers, at least one of which must carry the GN marker

One Speaking Intensive (SI) Course

In addition to this SI Marker requirement, **students must also complete a second SI course within the major.** All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course

In addition to this WI Marker requirement, **students must also complete a second WI course within the major.** All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III College of Arts and Sciences Additional Requirements (CAR)

See pp. 89–91 for requirements and approved courses.

Historical Perspectives on Western Culture 3

either a GHP/GPM or GMO course

Humanities and Fine Arts 3

one additional Literature (GLT) course

Natural Sciences 3–4

one additional GNS/GLS or GPS course

Social and Behavioral Sciences (GSB) 3

one additional GSB course

Foreign Language (GFL) 0–12

intermediate-level proficiency in one language, demonstrated by placement test, or completion of course work through course number 204

Writing Intensive Courses (WI)

a total of four WI courses

IV Major Requirements

Minimum 34 semester hours in anthropology above the 100-level to include the following:

Core Courses

1. ATY 213*, 253*, 258, 411, 595
2. Methods—One of the following: ATY 360, 476, or 553
3. Five additional ATY courses at the 300 level or above

Although not a requirement beyond the 34 hours minimum, majors may choose to take additional courses in general anthropology or the additional courses may be in one of the subdisciplines:

Archaeology
Cultural Anthropology
Physical Anthropology

Majors in consultation with a faculty member in the subdiscipline will select the appropriate courses.

**ATY 213 satisfies one GSB; ATY 253 satisfies one GNS*

V Related Area Requirements

Anthropology majors must take STA 108, which satisfies GMT.

Majors who follow a plan for one of the accelerated master's programs should satisfy the related area requirements for that program.

VI Electives

Electives sufficient to complete 122 semester hours required for degree.

Honors in Anthropology

Requirements

For Honors requirements, check with the departmental office and see **Honors Programs** information in this chapter.

Anthropology as a Second Major

Students who wish to declare a second major in Anthropology must complete all requirements listed above under the degree selected.

Anthropology as a Second Academic Concentration for Elementary Education Majors

Required: 18 semester hours

1. Required (9 s.h.): ATY 213, 253, 258
2. One methods course (3 s.h.): ATY 360 or 476 or 553
3. One elective at the 300 level (3 s.h.)
4. One elective at the 400 or 500 level (3 s.h.)

Anthropology as a Second Academic Concentration for Special Education Majors

Required: 24 semester hours

1. Required (15 s.h.): ATY 213, 253, 360, 387, 411
2. Three courses (9 s.h.) from the following: ATY 462, 476, 524, 547, 553, 559, 587

Anthropology Minor

Required: minimum of 15 semester hours

All minors are required to take ATY 212. In addition, they must select a minimum of 12 hours at the 200 level or above. The following suggested course sequences may be of interest to students pursuing specific majors and with certain career objectives.

1. General Anthropology—ATY 213, 253, 360, 387, 411
2. Ethnology/Ethnography—especially useful for majors in social studies, history, geography, economics, and international studies. Courses recommended include ATY 213, 325, 330, 333, 335, 337, 371, 465, and 476.

3. Linguistics—especially useful for majors in language arts, a foreign language, English, deaf education, speech pathology, social studies, and international studies. Courses recommended include ATY 385, 387, 585, and 587.
4. Archaeology—especially useful for majors in classical studies, geography, and environmental studies. Courses recommended include ATY 253, 258, 360, 362, 370, 533, and 553.
5. Physical Anthropology—especially useful for majors in archaeology, biology, chemistry, nutrition, and psychology. Courses recommended include ATY 253, 331, 359, 553, 555, and 559.

Students in consultation with a member of the department may plan a minor to enhance their career objectives as they choose. They may also take approved independent study courses or approved selected topics courses.

Anthropology with Teacher Licensure in Social Studies

AOS Code: U102

Students majoring in anthropology may seek Initial "A" teacher licensure in comprehensive social studies with an endorsement in anthropology. Completion of licensure requirements will allow majors to teach Social Studies as well as anthropology in secondary school. Please see **Teacher Education Programs** for complete requirements. Many of the requirements for licensure satisfy liberal education requirements in the college as well as for the major and the Social Studies requirements. Majors who wish to pursue the Standard Professional I License in social studies should consult with the departmental Social Studies committee representative.

Accelerated Master's Programs for Anthropology Majors

Interested students should see **Accelerated Master's Programs for Undergraduates** for details about the B.A. in Anthropology/M.B.A. or M.A. in Economics program requirements.

ANTHROPOLOGY COURSES (ATY)

GE Core denotes General Education Core credit; GE Marker denotes General Education Marker credit; CAR denotes College Additional Requirement credit.

Courses for Undergraduates

100 Contemporary Non-Western Cultures (3:3)
GE Core: GSB *GE Marker: GN*
- *Freshmen only.*

Survey of contemporary non-Western societies which emphasizes their distinctive cultural characteristics and how these relate to changes taking place in the world today.

212 General Anthropology (3:3)
GE Core: GSB *GE Marker: GN*
- *Open to freshmen.*

Survey of general anthropology. Includes an inquiry into human origins, prehistory, and comparative study of culture.

213 Cultural Anthropology (3:3)
GE Core: GSB *GE Marker: GN*

Cultural anthropology attempts to stimulate interest in basic questions about human nature and human adaptation, including major theoretical approaches, the nature of field work, and an examination of selected topics.

253 Introduction to Physical Anthropology (3:3)
GE Core: GNS *CAR: GLS*
Coreq. ATY 253L

Lecture covering human biology from an evolutionary perspective. Topics include evolutionary theory, human variation, nonhuman primates, the fossil record, human osteology, molecular and population genetics. (FALL & SPRING)

253L Introduction to Physical Anthropology Laboratory (1:0:3)
Coreq. ATY 253

Laboratory covering human biology from an evolutionary perspective. Topics include evolutionary theory, human variation, nonhuman primates, the fossil record, human osteology, molecular and population genetics. (FALL & SPRING)

258 World Prehistory (3:3)
GE Core: GSB *GE Marker: GN*

Development of culture from its Paleolithic beginnings through the rise of early civilizations.

300 The Culture of Baseball (3:3)
GE Marker: GL

Ritual, superstition, racism, language, immigration: the history and culture of baseball provides a familiar lens to examine and contextualize sociocultural experience. Incorporates experience from baseball in the U.S., Caribbean, Mexico, and Japan. (ALT FALL)

325 Caribbean Societies and Cultures (3:3)
GE Marker: GL

Types of social systems and cultural patterns in the West Indies arising from relations between Europeans, West Africans, and Asians, with implications for development, social change, and identity.

330 Cultures of North American Indians (3:3)
GE Marker: GN

Traditional ways of life of indigenous people of North America.

331 Human Variation (3:3)

Physical differences within and between human populations: their source and effect.

333 Latin American Societies and Cultures (3:3)
GE Marker: GN

Tribal and peasant groups with special emphasis on their place in contemporary Latin America.

335 Cultures of Africa (3:3)
GE Marker: GN

Study of the peoples of Africa emphasizing family organization, religion, political organization, languages, and urbanism. Includes a study of African novelists.

337 Cultures of the Pacific (3:3)
GE Marker: GN

Ethnographic study of Pacific cultures, focusing on language, physical characteristics, psychology, and culture contact.

340 Archaeology of North American Indians (3:3)

A survey of the archaeological evidence of North American Indian culture, from earliest time to first European contact. (ALT YEARS)

342 Experimental Course: Human Growth and Development (3:3)

Examines the bio-cultural perspective on human growth and development and the interaction between genes and the environment, from conception to adulthood, that produce the human phenotype. (Offered fall '07)

357 Monkeys, Apes, and Humans (3:3)

An overview of primatology—the study of prosimians, monkeys, apes, and humans. Involves in-depth study of selected primates as well as discussion of major theoretical issues and ways in which the study of nonhuman primate behavior helps illuminate human evolutionary history.

359 Forensic Anthropology (4:3:3)

Pr. 253 or an introductory course in biology or chemistry
Coreq. ATY 359L

Methods of recovery and analysis of human remains in medicolegal contexts, including human and nonhuman skeletal material, decomposition, crime scene recovery, and skeletal signs of age, sex, and trauma. (SPRING)

360 Method and Theory in Modern Archaeology (3:3)

Analysis and evaluation of methods, theories, and concepts necessary for recovery and interpretation of cultural information about past societies relevant for anthropological goals. Includes issues of historiography, epistemology, and ethics.

370 Introduction to Historical Archaeology (3:3)

Basic introduction to historical archaeology method and theory. Historical archaeology is a multidisciplinary subfield of Anthropology covering the historic past through the present. (ALT SPRING)

378 Historical Archaeology Field Techniques (3:0:6)

Archaeological excavation of historic period sites. Techniques of excavation, recording, surveying, and artifact analysis.

385 Language and Culture (3:3)

GE Marker: GL

A survey of verbal and nonverbal behavior cross-culturally. Emphasis on the use of language in the speech community, gestures, body languages, expressive behavior, verbal art, and language learning.

387 Modern Linguistics (3:3)

Systematic investigation of the general properties of language, the universal properties found in all languages, and the specific properties of the grammars of individual languages. Includes linguistic differences found in selected dialects of American English.

411 History of Anthropological Theory (3:3)

- *Not open to freshmen and sophomores.*

Developments in history of Western thought and study of culture leading to the emergence of anthropology as a scientific field.

442 Evolutionary Medicine (3:3)

Pr. ATY 253 or BIO 105 or BIO 111

Explores the evolution of chronic and infectious disease using an ecosystemic approach. Discusses theory involving host/pathogen "arms race," evolution of virulence, modes of transmission, and the discordance hypothesis.

462 Archaeology of the Southeastern United States (3:3)

Investigation of Indian cultural development in the U. S. from the Mississippi River Basin to the Atlantic Coast, from earliest evidence to the European Contact Period, with special emphasis on the context of the East in the archaeology of North America and North Carolina.

465 An Overview of Medical Anthropology (3:3)

GE Marker: GN

- *Not open to freshmen and sophomores.*

Explores multiple causes of disease and cultural variation in health practices. Topics include culture and political ecologies of disease, ethnomedical systems, and healers in cross-cultural perpectives. (ALT FALL)

476 Methods in Data Collection and Analysis in Cultural Anthropology (3:3)

Review and discussion of major methodological principles and techniques used in anthropology. (ALT SPRING)

478 Field Methods in Archaeology (3:3)

Pr. permission of instructor

Methods, techniques, and theories of archaeological field investigation. Includes site survey, mapping, systematic sampling, and controlled excavation.

479 Analysis of Archaeological Data (3:3)

Pr. permission of instructor

Instruction on proper treatment of material recovered through archaeological investigation. Includes classification, statistical manipulation of data, seriation, and analysis of spatial and temporal dimensions. Attention to special analytical techniques (e.g., C14 dating, chemical analysis, faunal analysis) with stress on ecological interpretation.

480 Ethnographic Field Methods in Cultural Anthropology (4:3:6)

Pr. 476 or permission of instructor

Course applies qualitative research techniques (fieldnotes, participant and casual observations, interviews, data interpretation), and statistical techniques that supplement ethnographic description and analysis at field sites. (ALT SUMMER)

481 Study Abroad Experience for Anthropology Majors (3)

Pr. 213, 253, 258, and two ATY courses at the 300 level or above, or permission of faculty member with whom student wishes to work

This course offers majors the opportunity to broaden their experience by studying anthropology in another country. Cross-cultural exchanges are designed to augment UNCG training. (FALL & SPRING & SUMMER)

493 Honors Work (3–6)

Pr. permission of instructor; 3.30 GPA in the major, 12 s.h. in the major

- *May be repeated for credit if the topic of study changes.*

497, 498 Special Problems in Anthropology (1–3), (1–3)

Pr. permission of faculty member with whom student wishes to work

Opportunity for students to have directed instruction on problems of special interest.

499 Internship in Anthropology (3:1:6–12)

Pr. written permission required; junior status; appropriate prerequisite courses in the relevant anthropology subfield selected for internship: Cultural—ATY 213; Physical—ATY 253; Archaeology—ATY 360; Linguistics—ATY 387.

Faculty supervised practicum experience in an off campus setting. Host organization will provide the student with applied experience directly relevant to a specific subfield of anthropology. (FALL & SPRING & SUMMER)

Courses for Advanced Undergraduates & Graduate Students

501, 502 Selected Topics in Anthropology (3:3), (3:3)
Pr. anthropology major or permission of instructor
- *May be repeated for credit when topic varies.*

Opportunity for advanced students to study in depth topic or issue of special interest.

510 Archaeology of South America (3:3)
Pr. junior or senior Anthropology or Archaeology majors, or permission of instructor

Survey of the archaeology of South America from earliest evidence of human habitation up to the arrival of the Spanish. Emphasis placed on the Andean area of western South America.

520 Economic Anthropology (3:3)
Pr. 212, 213, or 3 s.h. of social science

An analysis of the economic organization of tribal and peasant peoples with special attention given to their participation in a world economy; emphasis is on economic models of social change.

524 Applied Anthropology (3:3)
Pr. junior or senior standing

Application of anthropological method and theory in situations of directed sociocultural change.

526 Anthropological Perspectives on Food and Agriculture (3:3)

Examines the linkages among food producers, marketing strategies, and natural resource use in different cultures, and explores the influence of agriculture on society and the environment. (ALT SPRING)

533 Archaeology of Mexico (3:3)
Pr. junior or senior standing in Anthropology or Archaeology, or permission of instructor

Major prehispanic cultural developments in Mexico with emphasis on internal cultural change (from early man to rise of great civilizations such as Aztec and Maya) and relationships with adjacent areas.

547 Belief and Value Systems (3:3)

Examination of sacred and secular beliefs in cross-cultural perspective. Emphasis on symbols, ritual, and their functions.

553 Human Osteology: Description, Data Collection, and Analysis (3:2:3)
Pr. 253 or 3 s.h. of biological science

Detailed coverage of anatomical structures on bone and methods involving inventory, description, data collection, and analysis of human remains. Topics include functional and comparative skeletal anatomy, bone microstructure, and physiology.

555 Human Evolution (3:3)
Pr. 253 or 3 s.h. of biological science

Biological and cultural evolution of humans from prehuman forms.

557 Primate Behavior (3:3)
Pr. 253 or permission of instructor

An overview of primatology and of methods for studying the behavior of prosimians, monkeys, and apes. Involves experience in data collection, computerized data analysis, and producing a scientific report.

559 Disease and Nutrition in Ancient Populations (3:3)
Pr. 253 or NTR 213 or 3 s.h. of biological science

Evaluation of past disease and nutritional status using skeletal remains and other tissues. Topics include differential diagnosis of pathology. Analysis of mummified material, and chemical methods of dietary reconstruction.

576 Culture and Personality (3:3)

Cross-cultural analysis of effect and influence of culture and group membership on development of personality.

578 Research Methods in Historical Archaeology (3:3)
Pr. junior, senior, or graduate status

Advanced training in research methods in Historic Archaeology, involving on-site training in field, laboratory, and library components of Historic Archaeology. (Same as IAR 578 and HIS 578)

583 Culture and Society (3:3)
- *Not open for credit to anthropology majors*
- *May not be taken for credit by students who have prior credit for ATY 213*

Concepts of culture and society and their employment in understanding human behavior in a cross-cultural context.

585 Social Dialects (3:3)

Consideration of differences in social dialects (speech patterns) among males and females, social classes, regions, and ethnic groups. Includes attitudes about social dialects, models for describing social dialect differences, and consequences of social dialects.

587 Foundations of Linguistic Theory (3:3)
Pr. permission of instructor.

An in depth study of modern linguistic theory and its historical antecedents. An extensive background in a language related discipline is required. Application of linguistic theory will be included.

589 Experimental Course: The Social Roots of Infectious Disease (3:3)

Exploration of the specific political, historical, cultural, and economic processes and pressures that have shaped the current global epidemics of HIV/AIDS, TB, and malaria. The course will draw on the work of critical medical anthropologists and sociologists as well as the United Nations Millennium Project. (Offered spring '06 & fall '07)

595 Contemporary Issues in Anthropology (3:3)
Pr. senior status and anthropology major, or permission of instructor

A capstone seminar focusing on current issues in various subfields of anthropology, how they relate to the discipline, and their significance to anthropology's role in the modern world.

597, 598 Special Problems in Anthropology (3), (3)
Pr. permission of faculty member with whom student wishes to work

Opportunity for advanced students to undertake independent study or research of special interest.

Please refer to The Graduate School Bulletin *for additional graduate-level courses.*

Apparel Product Design

(see Consumer, Apparel, and Retail Studies)

Archaeology Program

College of Arts & Sciences

1104 Moore Humanities and Research Administration
336/334-5590
www.uncg.edu/arc

COMMITTEE MEMBERS

Jeffrey S. Soles, Chair, Archaeology Program, Department of Classical Studies
Maura K. Heyn, Department of Classical Studies
Joseph B. Mountjoy, Department of Anthropology
Jeffrey C. Patton, Department of Geography
P. Daniel Royall, Department of Geography
Roy Stine, Department of Geography
Linda Stine, Department of Anthropology

The Special Programs in Liberal Studies major with a concentration in Archaeology introduces students to the ancient civilizations and cultures of the Old and New Worlds and to the analytical tools that facilitate their study. The major is designed to develop both anthropological and historical perspectives in archaeological research, to encompass the range of prehistoric to early historic cultures in the Old and New Worlds, and to introduce the theoretical concepts and methodological techniques appropriate to archaeological research.

The Program's faculty are actively involved in field work in Greece, Mexico, and North Carolina, and students are expected to participate in those or other field work projects.

Special Programs in Liberal Studies Major—Concentration in Archaeology (SPLS)

Degree: Bachelor of Arts

Required: 122 semester hours, to include at least 36 hours at or above the 300 course level

AOS Code: U808

PROGRAM REQUIREMENTS

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
Mathematics (GMT)	3
Natural Sciences (GNS) one must be a laboratory course; each must have a different departmental prefix	6–7
Reasoning and Discourse (GRD) ENG 101 or FMS 115 or RCO 101, and one additional GRD course	6
Social and Behavioral Sciences (GSB)	6
Department specifies courses for:	
Historical Perspectives on Western Culture (GHP) required: CCI 211	3

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers, at least one of which must carry the GN marker
Required: ATY 258, CCI 211 and 212, and one additional GL/GN course selected by student

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major**. All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major**. All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III College of Arts and Sciences Additional Requirements (CAR)

See pp. 89–91 for requirements and approved courses.

Historical Perspectives on Western Culture either a GHP/GPM or GMO course	3
Humanities and Fine Arts one additional Literature (GLT) course	3
Natural Sciences one additional GNS/GLS or GPS course	3–4
Social and Behavioral Sciences (GSB) one additional GSB course	3
Foreign Language (GFL) intermediate-level proficiency in one language, demonstrated by placement test, or completion of course work through course number 204	0–12
Writing Intensive Courses (WI) a total of four WI courses	

IV Major Requirements

Minimum 30 semester hours distributed as follows:

1. **Core Requirements (12 semester hours)**
   ATY 258* World Prehistory
   ATY 360 Modern Archaeology
   CCI 211* Introduction to Classical Archaeology (Greece)
   CCI 212* Introduction to Classical Archaeology (Rome)

ATY 258 satisfies GN Marker requirement; CCI 211 satisfies GHP; CCI 211 and 212 satisfy part of GL Marker requirement.

2. **Area Requirements [six (6) semester hours with three (3) hours from each category]**

Old World Archaeology:

CCI 312* The Art and Archaeology of Egypt
CCI 313 Archaeology of the Aegean
CCI 314 Ancient Cities

New World Archaeology:

ATY 462 Archaeology of the Southeastern United States
ATY 510 Archaeology of South America
ATY 533 Archaeology of Mexico

CCI 312 carries GN Marker credit.

3. **Analytical Methods and Techniques (6 semester hours with no more than 3 hours from ATY 378, ATY 478, CCI 401)**

ATY 378/578 Historical Archaeology Field Techniques
ATY 478 Field Methods in Archaeology
ATY 479 Analysis of Archaeological Data
ATY 553 Human Identification
ATY 559 Disease and Nutrition in Ancient Populations
CCI 401 Archaeological Practicum
GEO 314/314L* Physical Geography: Landscape Processes
GEO 323 Remote Sensing

GEO 314/314L carries GNS Core credit and CAR GPS credit.

4. **Related Area Electives (6 semester hours from any of the above courses or the following related courses)**

ART 201 Ancient Art
ART 281 Ceramics I
ART 285 Photography
ATY 213 Cultural Anthropology
ATY 340 Archaeology of North American Indians
ATY 501 Selected Topics in Anthropology (if in Archaeology)
CCI 360 Archaeology of the Roman Provinces: Britain and Gaul
CCI 365 Archaeology of the Roman Provinces: Asia Minor and Syria
CCI 450 Internship in Classical Studies
CCI 475 Archaeology of Death in the Classical World
GEO 321 Cartography and Geographic Information Science
HIS 220 The Ancient World
PHI 325 Introduction to the Philosophy of Science

Under special circumstances and with the permission of the Committee, some required courses may be substituted for others.

V Electives

Electives sufficient to complete 122 semester hours required for degree.

Archaeology Minor

Required: minimum of 15 semester hours

The Archaeology minor requires completion of a minimum of 15 hours with nine (9) hours chosen from the Core Requirements and three (3) hours chosen from each category of the Area Requirements.

Department of Art

College of Arts & Sciences

138 Gatewood Studio Arts Center
336/334-5248
e-mail: artdept@uncg.edu
www.uncg.edu/art
http://digital.uncg.edu

FACULTY

Pat Wasserboehr, Associate Professor and Head of Department
Professors Aichele, Goldstein, Lee, Maggio
Associate Professors Ananian, Dimock, Dunnill, Gottsegen, Lixl-Purcell
Assistant Professors Blair, Campbell, Cassidy, Ellis, Holian, Leal, Martin, Stephan
Lecturers Gantt, Young
Adjunct Faculty Doll, Eden, Grimaldi, South

The Department of Art offers the following degree programs:

B.F.A. art major, concentrations in art education I & II, design, painting, and sculpture

B.A. art major, concentrations in art history/museum studies and studio art

The department believes that at the undergraduate level students are best served by a liberal university education with a specialization in art. Specialized degree programs emphasize the traditional disciplines of painting, sculpture, design, art history, and art education. Students seeking vocational specializations should pursue relevant post-baccalaureate studies.

All transfer students should make an appointment with the department's Director of Transfer Advising, Mr. Richard Gantt, for a transcript and portfolio review to approve transfer studio art and art history transfer credit. Director of Undergraduate Advising, Pat Wasserboehr, advises all art education majors and all other undergraduates throughout the year.

Courses in drawing, painting, and sculpture in the 20s, 30s, and 50s series emphasize working from dual approaches of observation and abstraction. Still life, landscapes, interior environments, and the human figure are the primary sources of study from which students work toward developing basic observational skills. Students focus on conceptual approaches as they incorporate research, skill, interpretation, and invention into abstract forms of art making. Courses in the design concentration include digital imagery, ceramics, photography,

color theory, and crafts. Courses in the 40s, 70s, and 80 to 84 series focus on the inherent systemic logic, or functional aspects of art.

The department provides a thorough background in art history and museum studies through introductory courses and subsequent graduated offerings that extend focus, range, and depth.

The art education program offers courses in studio art and art history to majors while preparing them in theoretical and philosophical foundations as well as curriculum and teaching methods. Students gain the expertise necessary for teaching in a variety of settings.

Students in all concentrations in the department also avail themselves to courses that allow for the advanced pursuit of relevant topics in studio art, art history, museum studies, art education seminars, independent study, internships, practicums, and student teaching experiences. The faculty includes studio artists, art educators, and art historians of acclaimed accomplishments in their areas of specialization.

The Weatherspoon Art Museum and the Department of Art each sponsor a program of exhibitions, lectures, and workshops that enhances the educational goals of the art curriculum.

Starting in the fall of 2006, the department's studio and art education facilities will be located in a new art building on Highland Avenue. Art historians will remain in the Weatherspoon Art Museum.

Art Major (ART)

Degree: Bachelor of Fine Arts

Required: 128 semester hours, to include at least 36 hours at or above the 300 course level

Available Concentrations and AOS Codes:

Design (including Ceramics & Photography), U111
Painting (including Drawing & Printmaking), U113
Sculpture, U115

The B.F.A. program allows a more intense concentration in studio work than is available in a B.A. program. This concentration is gained by extending the program for the equivalent of one summer session. Because of the number of required courses, junior transfers cannot expect to complete a B.F.A. program in two years.

Program Requirements

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Philosophical, Religious, Ethical Principles (GPR)	3
One additional GLT, GFA, or GPR course	3
Historical Perspectives on Western Culture (GHP)	3
Mathematics (GMT)	3
Natural Sciences (GNS)	6–7
one must be a laboratory course; each must have a different departmental prefix	
Reasoning and Discourse (GRD)	6
ENG 101 or FMS 115 or RCO 101, and one additional GRD course	
Social and Behavioral Sciences (GSB)	6
Department specifies courses for:	
Fine Arts (GFA)	3
required: ART 100 or 101	

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers, at least one of which must carry the GN marker

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major.** All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major.** All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III Major Requirements

Core studio courses for major concentrations may be closed to students who are not enrolled in a degree program full-time.

Core Courses for all Concentrations

1. ART 100* or 101*
2. Four art history courses above 100 level
3. Art 120, 140, 150, 220, 221
4. ART 498 and 499 to be taken in the senior year. All students must submit three (3) ready-to-exhibit works to the senior juried show, usually held in the spring semester.

**ART 100 or 101 satisfies GFA.*

Design Concentration

1. ART 120, 140, 150, 220, 221, 241, 285, 340, 347
2. Advanced design courses from those numbered in 280s, 340s, 440s, 470s, 480s, 520s, or 540s: 12 s.h.
3. ART 498 and 499. Independent Study projects should be in graphic design, ceramics, photography, or another appropriate area of design specialization.
4. Art or related electives: 9 s.h. (recommended but not required: choose from 300-level or above)

Painting Concentration

1. ART 120, 140, 150, 220, 221, 231, 232, 321, 322, 335, 337
2. Printmaking: 6 s.h.
3. ART 498 and 499. Independent Study projects must be in painting, drawing, or printmaking.
4. Art or related electives: 9 s.h. (recommended but not required: choose from 300-level or above)

Sculpture Concentration

1. ART 120, 140, 150, 220, 221, 252 or 253, 281, 322, 348, 353, 355, 356, 481
2. ART 498 and 499. Independent Study projects must be in sculpture.
3. Art or related electives: 9 s.h. (recommended but not required: choose from 300-level or above)

IV Electives

Electives sufficient to complete the 128 semester hours required for the degree.

Art Major (ART)

Degree: Bachelor of Fine Arts

Required: 128 semester hours, to include at least 36 hours at or above the 300 course level

Available Concentrations and AOS Codes:

Art Education I, U107

Art Education II, U109

All studio art students who seek teacher licensure in art must take a B.F.A. under one of two concentrations: Art Education I offers academic breadth, Art Education II offers concentration in a studio discipline. Junior transfers cannot expect to complete these programs in two years.

Program Requirements

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Philosophical, Religious, Ethical Principles (GPR)	3
One additional GLT, GFA, or GPR course	3
Historical Perspectives on Western Culture (GHP)	3
Mathematics (GMT)	3
Natural Sciences (GNS)	6–7
one must be a laboratory course; each must have a different departmental prefix	
Reasoning and Discourse (GRD)	6
ENG 101 or FMS 115 or RCO 101, and one additional GRD course	
Department specifies courses for:	
Fine Arts (GFA)	3
required: ART 100 or 101	
Social and Behavioral Sciences (GSB)	6
required: HEA 201 and PSY 121	

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers, at least one of which must carry the GN marker

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major.** All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major.** All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III Major Requirements

Art Education I (General Art) Concentration (18 semester hours)

1. ART 100* or 101*
2. Four additional courses in Art History above the 100 level
3. ART 120, 140, 150, 220, 221
4. Painting, Design: 3 s.h. in each
5. Crafts: 6 s.h.
6. Art or related electives: 7 s.h.
7. Art Education courses: 360 (junior year); 363, 365, 463 and 465 (senior year)
8. Concentration in one studio area (Design, Painting, or Sculpture) of 15 s.h. above the 100 level

This is a summary list from the studio requirements above.

Art Education II (Studio Art) Concentration (24 semester hours)

1. Same as Art Education I, numbers 1* through 7
2. Independent Study in ART 498 and 499 or approved substitutes: 6 s.h.
3. Single studio specialization, including at least 6 s.h. of independent studio (ART 498 and 499 or approved substitute) in this specialty: 15 s.h.

This is a summary list from the studio requirements above.

**ART 100 or 101 satisfies GFA.*

IV Related Area Requirements

(See **Teacher Education** for full explanation.)

1. GEC requirements as identified within each major
2. CUI or LIS 120: Introduction to Instructional Technology for Educational Settings
3. HEA 201* Personal Health
4. ELC 381 The Institution of Education
5. CUI 450 Psychological Foundations of Education
6. CUI 470 Reading Education

**HEA 201 satisfies GSB.*

V Electives

Electives sufficient to complete the 128 semester hours required for the degree.

VI Admission to Student Teaching:

During the junior year students must apply for student teaching. Art Education methods courses 363 and 365 are prerequisites to student teaching and are taken in the fall semester of the senior year. Student Teaching 463 and 465 are taken in the spring semester.

Admission requirements for Teacher Education include the following:

1. Medical clearance
2. Grade point average of at least 2.70
3. Passing scores on Praxis I exam
4. ART 360, Foundations of Art Education, which includes pre-student-teaching practicum
5. Evidence of skills, knowledge, dispositions, and competencies as set and evaluated by the department

Art Major (ART)

Degree: Bachelor of Arts

Required: 122 semester hours, to include at least 36 hours at or above the 300 course level

Available Concentrations and AOS Codes:

Art History/Museum Studies, U104
Studio Art, U105

The Art History and Museum Studies concentration is for those students wishing to pursue careers either in art scholarship or the museum and gallery profession. Those thinking primarily of Art History are encouraged to study the foreign languages needed for scholarship, particularly French and German.

The Studio Concentration combines a liberal arts education with the development of studio skills.

Program Requirements

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Philosophical, Religious, Ethical Principles (GPR)	3
Historical Perspectives on Western Culture (GHP)	3
Mathematics (GMT)	3
Natural Sciences (GNS)	6–7
one must be a laboratory course; each must have a different departmental prefix	
Reasoning and Discourse (GRD)	6
ENG 101 or FMS 115 or RCO 101, and one additional GRD course	
Social and Behavioral Sciences (GSB)	6
Department specifies courses for:	
Fine Arts (GFA)	3
required: ART 100 or 101	
One additional GLT course *(student may select)*	3

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers, at least one of which must carry the GN marker

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major.** All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major.** All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III College of Arts and Sciences Additional Requirements (CAR)

See pp. 89–91 for requirements and approved courses.

Historical Perspectives on Western Culture	3
either a GHP/GPM or GMO course	
Natural Sciences	3–4
one additional GNS/GLS or GPS course	
Social and Behavioral Sciences (GSB)	3
one additional GSB course	
Foreign Language (GFL)	0–12
intermediate-level proficiency in one language, demonstrated by placement test, or completion of course work through course number 204	
Writing Intensive Courses (WI)	
a total of four WI courses	

IV Major Requirements

Art History/Museum Studies Concentration

Minimum 36 semester hours in art

1. ART 100* or 101* and three (3) courses chosen from: ART 201, 202, 203, 204
2. 6–7 s.h. of studio art, including one of the following: ART 120, 140 or 150, and one 200-level studio course
3. At least 12 s.h. of 300-level art history course work selected from: ART 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 400, 493, 500, 501
4. ART 590 to be taken in the spring of the junior year
5. At least one of the following: ART 393, 400**, or 401

**ART 100 or 101 satisfies GFA.*

***Students enrolled in ART 400 should be encouraged to consider presenting a paper at the Mint Museum Undergraduate Art History Symposium.*

Studio Art Concentration

Minimum 33 semester hours in art

1. ART 100* or 101*
2. Two courses from ART 120, 140, 150
3. Art History above the 100 level: 12 s.h.
4. Studio Art above the 100 level: 15 s.h. (recommended but not required: choose from 300-level or above)
5. Enrollment in independent study courses (optional for qualified students)

**ART 100 or 101 satisfies GFA.*

V Related Area Requirements

No specific courses required.

VI Electives

Electives sufficient to complete the 122 semester hours required for the degree.

Honors in Art

Requirements

A minimum of twelve semester hours from the following:

- 3 s.h. of HSS 490 Senior Honors Project
- 3 s.h. of any Art Honors course above the 100 level
- Any 500-level Art course
- ART 493 (Independent Study)
- Any ART Honors contract course

Qualifications

- A grade of A or B in all course work used to satisfy the Honors requirements in Art
- A declared Art Major
- At least a 3.30 overall GPA at graduation

Recognition

The designation "Completed Disciplinary Honors in Art" and the title of the Senior Honors Project will be printed on the student's official transcript.

Honors Advisor

See Pat Wasserboehr for further information and guidance about Honors in Art.

Art as a Second Major

Students who wish to declare a second major in art must complete all requirements listed above under the degree (B.F.A. or B.A.) and concentration selected.

Art as a Second Academic Concentration for Elementary Education and Special Education Majors

Required: 18 semester hours

Art History Focus

1. Required core courses (9 s.h.): ART 367 and either ART 100 or 101 and either 120 or 140
2. One studio course chosen from those for which ART 120 or 140 are prerequisites
3. Two additional art history courses at the 300 and/or 400 level

Studio Art Focus

1. Required core courses (12 s.h.): Art 100 or 101, 120 or 140, 232, 367
2. One studio course from those for which ART 120 or 140 are prerequisites
3. One additional art history course at the 300 or 400 level

Art Minor

Required: minimum of 18 semester hours

An Art Minor requires 18 semester hours of studio and/or art history courses. A Minor in Art History requires 3 hours in ART 100 or 101 and 15 additional hours of 200-level or above art history courses. A Minor in Studio Art requires 3 hours in ART 100 or 101 and core studio courses ART 120, 140, 150, 220, 221.

ART COURSES (ART)

GE Core denotes General Education Core credit; GE Marker denotes General Education Marker credit; CAR denotes College Additional Requirement credit.

Art courses are listed under the following headings: Studio, Art History, Art Education, and Museum Studies.

STUDIO Courses

Courses for Undergraduates

120 Fundamentals of Drawing (3:1:6)

Basic course in the practice and principles of drawing. Emphasis on working from observation with a wide variety of media and genres explored. (FALL & SPRING)

140 Design I (3:1:6)

Basic course in fundamentals of design. Work in two and three dimensions. (FALL & SPRING)

150 3-D Foundations (3:1:6)

Fundamentals in three dimensional concepts of form, space, and structure. (FALL & SPRING)

220 Intermediate Drawing (3:1:6)

Pr. 120

A continuation of the practices and principles of ART 120, with a greater emphasis on conceptual development. (FALL & SPRING)

221 Life Drawing I (3:1:6)

Pr. 220

Figure drawing from the model. (FALL & SPRING)

226 Woodcut and Wood Engraving (3:1:6)

Pr. 120 or 140

Woodblock relief techniques as a printmaking medium. (OCC)

228 Etching I (3:1:6)

Pr. 120 or 140

Intaglio techniques as a printmaking medium. (FALL & SPRING)

229 Lithography I (3:1:6)

Pr. 120 or 140

Planographic techniques as a printmaking medium. (FALL & SPRING)

231 Materials of Painting (3:1:6)

Pr. 120

Materials and characteristic processes of major techniques. (FALL)

232 Painting I (3:1:6)

Pr. 120

Basic course which uses observation as a vehicle for learning the fundamentals of oil painting.

241 Design II (3:2:3)

Pr. 140

Introduction to the computer as a design tool and art medium. A variety of imaging applications introduced through design studio problems and visual problem solving.

252 Techniques of Sculpture (3:1:6)

Pr. 150

Tools, materials, and characteristic processes of major techniques.

253 Sculpture I (3:1:6)
Pr. 150
Working from observation, students will increase their perceptual ability and skills through studio assignments. Emphasis on the comprehension of forms and structures in space.

275 Metal Crafts I (3:1:4)
Pr. 140 or 150
Techniques required to make jewelry and small art objects from copper, brass, and precious metals. Includes gem and stone setting.

281 Ceramics I (3:1:6)
Basic course with emphasis on handbuilt forms. (FALL & SPRING)

285 Photography I (3:1:6)
Pr. 140, or permission of instructor
Equipment and basic techniques of photography. Students must purchase film and papers. 35 MM camera required. (FALL & SPRING)

321 Life Drawing II (3:1:6)
Pr. 221
- *May be repeated for credit with permission of instructor and department head.*

Continuation of 221. (FALL & SPRING)

322 Variable Topics in Drawing (3:1:6)
Pr. 221
Practice and study of traditional and contemporary methods of drawing in a variety of media and genres.

323 The Arts as Human Experience (3:3)
An examination of the meaning of the arts experience, including its historical and personal significance. Includes reading and related work in art, dance, drama, and music. (Same as DCE 323, THR 323)

335 Painting II (3:1:6)
Pr. 232
Studio course with substantial work from the model. Emphasis on development of control of the medium for pictorial purposes.

337 Painting III (3:1:6)
Pr. 335
Studio course with work from the model and other subject matter; emphasis on control of pictorial elements and individual development.

340 Design III (3:2:3)
Pr. 140 and 241
Intermediate-level study of design fundamentals with emphasis on cross application work, presentation methods, and content. (FALL & SPRING)

341 Letters, Signs, and Symbols (3:2:4)
Pr. 140 and 241
Letter forms, signs, and symbols as configurations for design study.

344 Digital Darkroom (3:2:4)
Pr. 140, 241, or permission of instructor
- *285 recommended.*

Studio based study of photo-based imagery and digital imaging. In-depth study of Photoshop and complementary photo-based software. (ALT)

346 Kinetic Design (3:2:3)
Pr. 10 s.h. of studio art including 140
Motion and time sequence in two-dimensional and three-dimensional design.

347 Color Theory (3:1:6)
Pr. 140
Major color theories and systems. Projects using properties of color in pigments, transparencies, and projected light. (FALL & SPRING)

348 Metal Sculpture (3:1:6)
Pr. 252 or 253
Studio course in non-cast metal sculpture techniques and concepts. Basic welding and fabrication of metal as a sculpture medium.

353 Metal Casting (3:1:6)
Pr. 252 or 253 or permission of instructor
- *May be repeated for credit.*

Basic course in casting metal as a sculpture medium. Theory and practice of moldmaking and foundry processes.

355 Sculpture II (3:1:6)
Pr. 252 or 253
Sculpture as a plastic idiom in creating forms in space. Emphasis on the development of individual expression.

356 Sculpture III (3:1:6)
Pr. 355
Advanced undergraduate work with emphasis on individual sculpture development.

373 Design Methods for the Crafts (3:1:6)
Pr. 100 or 101, 140, or permission of instructor
Sources of and approaches to crafts design with materials such as wood, fiber, metal, and paper. Exploration of sources of design in natural and man-made worlds. Recommended for Art Education majors.

375 Metal Crafts II (3:1:4)
Pr. 275
Advanced work in techniques required to make jewelry and small art objects from copper, brass, and precious metals.

381 Ceramics II (3:1:6)
Pr. 281 or permission of instructor
Wheel-thrown forms; glazing and decorating techniques. (FALL & SPRING)

382 Ceramic Glaze Techniques (3:1:6)
Pr. 281
Glaze formulae; mixing and testing of glazes, glaze application, the care and operation of equipment. (SPRING)

384 Photojournalism (3:1:2)
Pr. 285 or permission of instructor
Course examines some aspects of photojournalism, dealing with photographs which answer questions of Who, What, When, Why, Where, and How; photographs which convey important information about the human condition. (FALL)

385 Photography II (3:1:6)
Pr. 285 or portfolio and permission of instructor
Special techniques including those used in research laboratories; work with special types of film. Students must purchase films and papers.

387 Color Photography (3:1:5)
Pr. 285
An introduction to the basic processes used to produce color photographs and to an understanding of color photography as art.

388 Photographic Interaction (3:3)
Pr. 285 or permission of instructor
Course expands the boundaries of image-making in still life, nature and human relationships. Includes advanced techniques in printing and sequencing images, including digital technology.

389 Experimental Course: Advanced Photography (3:1:3)
Pr. ART 285 and 385

This course will combine the benefits of using the view camera with today's digital technologies: scanning negatives, color correction, and archiving images. Students must purchase film and papers. (Offered fall '06 and spring '07)

390 Experimental Course: Introduction to Web Design (3:3)
Pr. ART 140 and 241

An introduction to the design on interfaces for the Web using HTML and CSS. The course also addresses the issues of fluid design in interactive media. (Offered fall '06 and fall '07)

393 Practicum/Internship in Art Careers (1–3)
Pr. prior written approval of supervising instructor and department head, with written agreement of expectations from sponsor
- *May be repeated for credit.*

Practical experience for art majors for developing career goals and skills.

428 Etching II (3:1:6)
Pr. 228
- *May be repeated for credit with permission of instructor or department head.*

Continued development of etching techniques introduced in Etching I. Emphasis placed on supervised independent work consistent with students' personal artistic goals. (FALL & SPRING)

429 Lithography II (3:1:6)
Pr. 120 or 140, and 229
- *May be repeated for credit with permission of instructor or department head.*

Continuation of ART 229 with additional emphasis on multicolor imagery and the integration of advanced lithographic processes in students' assignments.

439 Painting: Selected Media (3:1:6)
Pr. 120, 220, 232, 335

Special techniques and pictorial problems of various paint media.

441 Books and Images (3:2:3)
Pr. 140, 241, and 340
- *For advanced students.*

Advanced studio investigation into digital publishing with an emphasis on print-based and electronic publication forms. Primary focus on unique and challenging artist's books and image-intensive works. (ALT YEARS)

442 Image Sequencing/Sequential Images (3:2:3)
Pr. 140, 241, and 340
- *For advanced Design majors.*

Advanced studio-based exploration of digital video, sound, and animation through a range of digital software. Study of nonlinear editing, narrative, and experimental approaches to motion graphics and video. (ALT YEARS)

445 Three-Dimensional Design (3:2:3)
Pr. 140, 241, 340

Three-dimensional modeling and animation. Development of three-dimensional systems as objects and environments. (Formerly ART 345)

446 Graphic Design (3:2:3)
Pr. 140, 241, and 340
- *For advanced students.*

An advanced investigation into graphic design; typography, branding, and information architecture. Advanced execution of print, Web-based, and motion graphics. (ALT YEARS)

481 Ceramics III (3:1:6)
Pr. 281, 381

Advanced course in ceramics with emphasis on the entire ceramic process: preparation of clay body and glazes, forming, bisque and glaze firing. (FALL)

493 Honors Work (3–6)
Pr. permission of instructor; 3.30 GPA in the major, 12 s.h. in the major
- *May be repeated for credit if the topic of study changes.*

496 Special Problems, Studio (3:1:6)
Pr. prior approval of supervising instructor required
- *May be repeated for credit with permission of department head.*
- *May not be used in place of a required course in the Art major.*

Independent studio work adjusted to needs and interests of individual student. (FALL & SPRING)

498, 499 Independent Study (3:1:6), (3:1:6)
Pr. senior status and permission of instructor

Students complete work demonstrating technical accomplishment and self-motivation. 498: sequence of work must be submitted for juried senior show. 499: sessions on portfolio presentation and preparation. (FALL & SPRING)

Courses for Advanced Undergraduates & Graduate Students

520 Anatomy for the Artist (3:1:6)
Pr. 220 or permission of instructor

Visual analysis of the human form with an emphasis on the skeleto-muscular system.

525 Advanced Metal Casting (3:1:6)
Pr. 353 or permission of instructor
- *May be repeated for credit when topic varies.*

Advanced theory and practice of metal casting.

529 The Multi-Media Print (3:1:6)
Pr. 226 or 228 or 229, and 241
- *May be repeated for credit with permission of instructor.*

Experimental forms of image making utilizing diverse sources of technical and aesthetic references including electronic media, photography, monoprints, collagraphy, 3-D constructions, and traditional printmaking methods and processes. (FALL & SPRING)

531 Painting (3:1:6)
Pr. senior or graduate standing
- *May be repeated for credit when topic varies.*

Theories, methods, and techniques characteristic of recent trends in painting.

535 Advanced Painting (3:1:6)
Pr. advanced undergraduate or graduate standing
- *May be repeated for credit.*

Advanced practice and theory of painting. A wide variety of media and genres will be explored.

540 Digital Visualization and Methods (3:2:3)
Pr. 241 and 340, senior status or MFA status, or permission of instructor
- *May be repeated for credit once, with permission of instructor.*

Studio investigation of the ways that digital methods expand and change the visual vocabulary and methods. Emphasis on refining personal artistic vision and establishing connections between traditional and digital methods.

545 Interactive Web Design (3:2:3)
Pr. 241, 340, or permission of instructor
Development of Web graphics and interactive Web-based environments that demonstrate an understanding of navigation, usability, and functionality within a creative framework. (FALL)

550 Sculpture/Installation (3:1:6)
Pr. 355, 356, 481, or permission of instructor
Investigation of the sculptural possibilities of a space through art making, conceptual development, and personal research with a focus on contemporary and historical issues. (OCC)

557 Site-Specific Sculpture (3:1:6)
Pr. 355, or permission of instructor
- *May be repeated for credit.*

Provides opportunity to make site-specific sculptures; process of making work in the public arena from initial conception, interaction with jury committee to completed sculpture. (SPRING)

592 Professional Practices, Aesthetics, and Preparation for the Visual Artist (3:3)
Pr. graduate students: full time graduate status; undergraduates: completion of 50 s.h. toward studio major, or permission of instructor.
- *May be repeated once for credit.*

Emerging artists participate in their community and acquire the skills of career professionals. Students will engage in critical dialog related to gallery lectures, exhibitions, and symposia, and prepare to exhibit, present, and document their studio work. (FALL & SPRING)

ART HISTORY Courses

Courses for Undergraduates

100 Introduction to Art (3:3)
GE Core: GFA
Intensive study of selected works of art with an emphasis on formal analysis and the relationship between art and culture. (FALL & SPRING)

101 Survey of Western Art (3:3)
GE Core: GFA
Major artists and periods starting with the ancient world through current times. (FALL & SPRING)

102 The Black Atlantic: Cross-Cultural Representations (3:3)
Course interprets visual constructions from the African, African American, and European traditions as they relate to the history of slavery and the colonization of the New World.

103 Survey of Visual Art in Non-Western Traditions (3:3)
GE Core: GFA *GE Marker: GN*
A survey of the visual arts in India, China, Japan, Mesoamerica, and Africa. (FALL)

200 History of Western Architecture (3:3)
Architecture in Europe and the U.S.A. from ancient Greece to the present.

201 Ancient Art (3:3)
Art and architecture of Ancient Greece and Rome from the Bronze Age through A.D. 337.

202 Medieval Art (3:3)
Art and architecture of Europe from Early Christian times through the late Gothic period ca. A.D. 1400.

203 Renaissance through Rococo (3:3)
Visual arts of Europe during the Renaissance, Mannerist, Baroque, and Rococo periods. (FALL)

204 Modern Art (3:3)
Visual arts in the West from ca. 1790 to the present. (SPRING)

300 Greek Art (3:3)
Pr. 100 or 101 or 201
Architecture, sculpture, and vase painting from ca. 1000 B.C. to the end of the Hellenistic period.

301 Early Medieval Art (3:3)
Pr. 100 or 101 or 202
Early medieval art of the Mediterranean World from ca. A.D. 300 to 1066 including Early Christian, Celtic, Carolingian, and Early Islamic periods.

302 Romanesque Art (3:3)
Pr. 100 or 101 or 202
Romanesque Art throughout Europe from ca. A.D. 1050 to ca. 1180: architecture, sculpture, manuscript illumination, and mural painting.

303 Gothic Art (3:3)
Pr. 100 or 101 or 202
Art in Europe from ca. 1160 to ca. 1400: architecture, sculpture, manuscript illumination, and mural painting.

304 Italian Renaissance Art (3:3)
Pr. 100, or 101 and 203, or permission of instructor
Art in Italy from ca. 1300 to ca. 1600; painting, sculpture, architecture. (FALL)

305 Northern Renaissance Art (3:3)
Pr. 100 or 101 or 203
Art in Europe north of the Alps from ca. 1400 to ca. 1560. Painting and graphic arts emphasized.

306 Baroque Art (3:3)
Pr. 100, or 101 and 203, or permission of instructor
Seventeenth-century art in Europe: painting, sculpture, architecture, and landscape architecture. (SPRING)

307 European Art in the Eighteenth Century (3:3)
Pr. 100, or 101 and 203, or permission of instructor
A survey of European art media, practice, theory, and issues surrounding patronage during the century.

308 European Art in the Nineteenth Century (3:3)
Pr. 100, or 101 and 204, or permission of instructor
Painting, sculpture, and architecture from 1800 to 1900.

309 Architecture in the Twentieth Century (3:3)
Pr. 100 or 101 or 200
The components of style, theory, structure, and material as embodied in the architecture of the century.

310 American Art (3:3)
Pr. 100 or 101
Historical development of art in the United States including the colonial period. Painting and architecture emphasized.

311 Early Twentieth-Century Art (3:3)
Pr. 100, or 101 and 204, or permission of instructor
Painting, sculpture, architecture, and other media from 1900 to World War II.

312 Late Twentieth-Century Art (3:3)
Pr. 100, or 101 and 204, or permission of instructor
Traditional and new media in the last half of the century.

313 History of Photography (3:3)
Pr. 100 or 101 or permission of instructor
A lecture course in the exploration of the photographic image, how it was produced, how it has evolved, and the work of the photographers who make it an art.

314 African Art (3:3)
GE Marker: GN
African art as one of the great and original world art traditions. Attention will be placed on concepts with stress on the religious and social functions of art. (SPRING)

315 History of Printmaking to Digital Imaging (3:3)
Pr. ART 100 or 101
A concise history of printmaking by Dürer, Rembrandt, Callot, Goya, Daumier, and others. Attention will focus on basic principles and how they relate to digital imaging. (ALT)

400 Special Problems, Art History and Criticism (3:3)
Pr. 15 s.h. of art history and criticism and approval of instructor
- *May be repeated once for credit when topic varies.*

Directed program of reading and research.

402 Experimental Course: History of Asian Art (3:3)
Pr. ART 100 or 101, junior status
Introductory survey to the history of Asian art, designed to examine ancient works of art and architecture from India, China, and Japan.

403 Art History Research Seminar (3:3)
Pr. completion of nine (9) s.h. in art history or permission of instructor
Research seminar with discussions, oral and written presentations, and lectures on topics selected by participating students. Students gain subject knowledge, standard research methods, and presentation skills within the discipline.

493 Honors Work (3–6)
Pr. permission of instructor; 3.30 GPA in the major, 12 s.h. in the major
- *May be repeated for credit if the topic of study changes.*

Courses for Advanced Undergraduates & Graduate Students

500 Traditions of Art Criticism (3:3)
Pr. junior standing or graduate status
A study of the major critical traditions from the Italian Renaissance to the present, aiming to define the role of criticism in the production and reception of works of art.

501 Topics in the History of Art (3:3)
Pr. junior standing or graduate status
- *May be repeated when topic varies.*

Special topics in the history of art, ancient to modern.

502 Historiography and Methodology (3:3)
Pr. graduate status in the Art Department, completion of 15 or more undergraduate s.h. in art history, or written permission of the instructor
Case studies in the development of art history as a discipline and applied practice of methodologies developed for art-historical analysis. (FALL)

MUSEUM STUDIES Courses

Courses for Undergraduates

401 Special Problems: Museum Studies (3:3)
Pr. 15 s.h. art history/criticism and approval of instructor
- *May be repeated once for credit when topic varies.*

Directed program of reading, research, or curatorial projects in the Weatherspoon Art Gallery and other museums.

Courses for Advanced Undergraduates & Graduate Students

590 Museum Studies (3:3)
Pr. junior standing and permission of instructor
A study of the diverse operations and institutional missions of art museums, including management, governance, development, collections management, education, and curatorial activities.

ART EDUCATION Courses

Courses for Undergraduates

360 Foundations of Art Education I (3:2:1)
Pr. junior standing
An introduction to the art theoretical and philosophical foundations for Art Education K–12. A field placement practicum in schools or other appropriate settings is included. A prerequisite for student teaching.

361 Foundations of Art Education II (3:2:4)
Pr. ART 360; art education major; junior standing or permission of instructor
Art media and curriculum foundation for Art Education K–12. Field placement practicum in schools or other appropriate settings. (SPRING)

363 Curriculum and Teaching Methods in the Elementary School (3:2:2)
Pr. 360 and admission to Teacher Education or permission of the Art Education Coordinator
- *For art education majors only.*

Aims and philosophy of art education in elementary school. Special section for art majors only offered in the fall. (Counts as Art credit.)

365 Curriculum and Teaching Methods in the Secondary School (3:2:2)
Pr. 360 and admission to Teacher Education or permission of the Art Education Coordinator
Aims, philosophy, and curricula of art education in the secondary school; selection, preparation, and use of teaching materials. (Counts as Art credit.)

367 Child Art and Teaching (3:2:2)
Pr. junior standing
- *Not open to Art Education majors.*

An introduction to the theoretical and philosophical foundations for Art Education (birth to middle school), including hands-on experience with school art media.

463 Student Teaching in the Elementary School (6:1:10)
Pr. senior standing or permission of the Coordinator of Art Education
Supervised student teaching at the elementary school level.

465 Student Teaching in the Secondary School (6:1:10)
Pr. senior standing or permission of the Coordinator of Art Education

Supervised student teaching at the secondary school level.

468 Teaching Practice and Curriculum in Art (3:1:4)
Pr. admission to the "SP-1" licensure only program for Art K–12 and/or permission of the instructor
- *Enrollment restricted to "SP-1" licensure only students*

Curriculum development for K–12 art teaching, professional theory, development, standards and guides for effective teaching, and observations of student's classroom practice. (SPRING)

Courses for Advanced Undergraduates & Graduate Students

563 Trends and Teaching in Art: Special Populations (3:2:1)
Pr. completion of 363, student teaching, or equivalent or permission of instructor

Curricular and instructional principles, processes and designs applicable to special populations in various school, institutional, or community settings.

565 Issues in Art Education (3:3)
Pr. graduate status or permission of instructor
- *May be repeated once for credit when topics vary.*

Exploration of issues in art or education which affect the teaching of art.

Please refer to The Graduate School Bulletin *for additional graduate-level courses.*

Astronomy

(see Physics & Astronomy)

Biochemistry

(see Chemistry and Biochemistry)

Department of Biology

College of Arts & Sciences

312 Eberhart Building
336/334-5391
www.uncg.edu/bio

FACULTY

John Lepri, Associate Professor and Head of Department
Professors Cannon, Henrich, Hershey, Lacey, O'Brien, Rublee, Stavn, Sullivan (Chancellor of UNCG)
Associate Professors Adamson, Katula, Kirchoff, LaJeunesse, Leise, Schug
Assistant Professors Hens, Kalcounis-Rüppell, Patel, Remington, Rueppell, Steimle, Tomkiel
Lecturers Bundy, Detweiler, Gouzoules, Green, Horton, Killon-Atwood, Lamb, Loreth, Maxwell, Pelli, Powell, Rushforth, Somers, Tomlin, Zahand

ADJUNCT FACULTY

Adjunct Professors Johnston, Logan, McIntosh
Adjunct Clinical Professor Lipford
Adjunct Associate Professors Blake, Pratap
Adjunct Clinical Associate Professor Hopkins
Adjunct Assistant Professor Curtis
Adjunct Clinical Instructors Anderson, Bean, Culton, Gaither, Hobson, Scaro, Shirley, Simmons, Yarborough

The Department of Biology has a strong commitment to teaching at both the undergraduate and graduate levels. Recipients of undergraduate biology degrees find employment in a wide range of fields and are well-prepared for further study in graduate school and in health-related professions such as medicine, dentistry, and veterinary medicine. Writing- and speaking-intensive courses and laboratory classes help develop communication and research skills.

The department's tradition of excellence in education is complemented by a faculty actively engaged in research in areas ranging from molecular biology and biochemistry to ecology and evolution. Students are encouraged to gain research experience through independent study with a faculty mentor.

Transfer Credit

Credit for courses above the 100 level is transferred as Biology elective credit only. To establish transfer credit for specific Biology courses above the 100 level, students should contact the Director of Undergraduate Studies. Transfer students are reminded that at least 12 semester hours in the major must be completed at UNCG.

Biology Major (BIOL)

Degree: Bachelor of Arts

Required: 122 semester hours, to include at least 36 hours at or above the 300 course level

Available Concentrations and AOS Codes:
Biology, U117
Environmental Biology, U122

The Department offers a full range of courses leading to the B.A. degree. The degree may lead to further study in graduate school, medicine, dentistry, veterinary medicine, medical technology, biotechnology, and environmental biology. See also the descriptions of pre-professional programs, in this chapter, concerning their requirements. Both study and laboratory facilities are available to advanced undergraduates.

REQUIREMENTS

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
Historical Perspectives on Western Culture (GHP)	3
Reasoning and Discourse (GRD)	6
ENG 101 or FMS 115 or RCO 101, and one additional GRD course	
Social and Behavioral Sciences (GSB)	6
Department specifies courses for:	
One additional GLT course *(student may select)*	3
Mathematics (GMT)	3
required: MAT 151 or 191	
Natural Sciences (GNS)	7
required: BIO 111 and CHE 111	

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers, at least one of which must carry the GN marker

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major**. All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major**. All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III College of Arts and Sciences Additional Requirements (CAR)

See pp. 89–91 for requirements and approved courses.

Historical Perspectives on Western Culture	3
either a GHP/GPM or GMO course	
Natural Sciences	4
required: BIO 112	
Social and Behavioral Sciences (GSB)	3
one additional GSB course	
Foreign Language (GFL)	0–12
intermediate-level proficiency in one language, demonstrated by placement test, or completion of course work through course number 204	
Writing Intensive Courses (WI)	
a total of four WI courses	

IV Major Requirements

Biology majors must complete BIO 111 and 112, and a minimum of 30 semester hours of Biology courses above the 100 level. CHE 420 or 556 can be counted toward the minimum required 30 hours of Biology for the major in lieu of BIO 535. A maximum of four hours at the 200 level may be counted toward the major. Students must have a grade point average of at least 2.0 in Biology courses completed at UNCG.

Biology Core Courses

In meeting this requirement for hours above the 100 level, all B.A. in Biology majors must complete the following core courses; completion of at least four of these requirements is strongly recommended prior to enrollment in courses numbered 400 and higher.

1. Ecology: BIO 301
2. Cell Biology: BIO 355
3. Genetics: BIO 392
4. Diversity: one of the following: BIO 322, 341, 354, or 370
5. At least two of the following core laboratory courses: BIO 302, 356, or 393

V Related Area Requirements

Biology majors are required to take the following related area courses or their approved equivalents:

1. CHE 111, 112, 114, 115
2. MAT 151 or 191

The department highly recommends the following courses in addition to the required courses listed above:

1. CHE 351, 352, 354
2. MAT 191, 292
3. STA 271, or 571 and 571L
4. PHY 211, 212

B.A. in Biology with Concentration in Environmental Biology

This concentration is designed for students with a strong interest in environmental biology. The concentration provides students with a breadth and depth of environmental awareness, rigorously prepares them for advanced studies in environmental biology and trains them for environmentally-oriented professions.

Basic requirements beyond the Biology Core

1. BIO 302
2. One additional course in Biological Diversity (BIO 322, 341, 354, or 370)
3. BIO 431
4. At least two of the following advanced Biology courses: BIO 420, 430, 522, 526, 527, 528, 529, 560, or 579

Additional requirements

1. Statistics (STA 271 or 571 and 571L)
2. Introduction to Earth Science (GEO 103 or GEO 106)
3. At least one of the following courses: CHE 252; GEO 205, 303, 311, 314; PSC 312, 313; SOC 346; ECO 380

Strongly recommended

CHE 351, 352, 354; PHY 211, 212 or 291, 292; MAT 191

Biology Major (BIOL)

Degree: Bachelor of Science

Required: 122 semester hours, to include at least 36 hours at or above the 300 course level

Available Concentrations and AOS Codes:

Biology, U116

Biotechnology, U214

Environmental Biology, U118

Human Biology, U863

The Bachelor of Science degree is offered for those students aspiring to a professional career in biology, and for those students with particularly strong interests in the discipline. See also the descriptions of pre-professional programs, pp. 281–284, concerning their requirements. A student pursuing the Bachelor of Science is expected to develop a stronger background in mathematics and related sciences and to attain a greater understanding of biology than will a student pursuing a Bachelor of Arts degree. Bachelor of Science students will also be strongly encouraged to undertake an individual research project with a faculty member during their junior and/or senior year.

Requirements

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
Historical Perspectives on Western Culture (GHP)	3
Reasoning and Discourse (GRD)	6
ENG 101 or FMS 115 or RCO 101, and one additional GRD course	
Social and Behavioral Sciences (GSB)	6
Department specifies courses for:	
One additional GLT course (*student may select*)	3
Mathematics (GMT)	3
required: MAT 191	
Natural Sciences (GNS)	7
required: BIO 111 and CHE 111	

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)

four (4) courses carrying GL/GN markers, at least one of which must carry the GN marker

One Speaking Intensive (SI) Course

In addition to this SI Marker requirement, **students must also complete a second SI course within the major.** All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course

In addition to this WI Marker requirement, **students must also complete a second WI course within the major.** All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III College of Arts and Sciences Additional Requirements (CAR)

See pp. 89–91 for requirements and approved courses.

Historical Perspectives on Western Culture	3
either a GHP/GPM or GMO course	
Natural Sciences	4
required: BIO 112	
Social and Behavioral Sciences (GSB)	3
one additional GSB course	
Foreign Language (GFL)	0–12
Intermediate-level proficiency in one language, demonstrated by placement test, or completion of course work through course number 204	

Writing Intensive Courses (WI)

A total of four WI courses

IV Major Requirements

Biology majors must complete BIO 111 and 112, and a minimum of 30 semester hours of Biology courses above the 100 level. CHE 420 or 556 can be counted toward the minimum required 30 hours of Biology for the major in lieu of BIO 535. A maximum of four hours at the 200 level may be counted toward the major. Students must have a grade point average of at least 2.0 in Biology courses completed at UNCG.

Biology Core Requirements

In meeting this requirement for hours above the 100 level, all B.S. Biology majors must complete the following courses; completion of at least four of these requirements is strongly recommended prior to enrollment in courses numbered 400 and higher.

1. Ecology: BIO 301
2. Cell Biology: BIO 355
3. Genetics: BIO 392
4. Diversity: one of the following: BIO 322, 341, 354, or 370
5. At least two of the following laboratory core courses: BIO 302, 356, or 393
6. At least one course at the 500 level

Undergraduate Research (BIO 499) or Honors Work (BIO 493), for 2 or more s.h., are also strongly recommended.

V Related Area Requirements

B.S. Biology majors are required to take the following related courses or their approved equivalents:

1. CHE 111, 112, 114, 115, 351, 352, and 354

2. MAT 191 and either MAT 292 or STA 271 (or STA 571 and 571L)
3. PHY 211, 212 or PHY 291, 292

B.S. in Biology with Concentration in Biotechnology

The concentration in biotechnology is designed for students with a strong interest in molecular biology and genetics. Courses will prepare students in both conceptual aspects of molecular biology and their practical application in biotechnology and genetic engineering. CHE 420 or 556 can be counted toward the required 30 semester hours of Biology needed for the major.

Basic requirements beyond the Biology Core

BIO 481, 494, 499 (at least 1 hr), BIO 535 (or CHE 420 or CHE 556), BIO 596 (at least 1 hr), BIO 597 (at least 1 hr)

Strongly recommended

BIO 424, 528, 583, 584, 595, and additional s.h. of BIO 499, 596, and 597

Note: Students will be expected to attend seminars covering biotechnology topics.

B.S. in Biology with Concentration in Environmental Biology

This concentration is designed for students with a strong interest in environmental biology. The concentration provides students with a breadth and depth of environmental awareness, rigorously prepares them for advanced studies in environmental biology and trains them for environmentally-oriented professions.

Basic requirements beyond the Biology Core

1. BIO 302
2. One additional course in Biological Diversity (BIO 322, 341, 354, or 370)
3. BIO 431
4. At least two of the following advanced Biology courses: BIO 420, 430, 522, 526, 527, 528, 529, 560, or 579

Related area requirements same as B.S. degree above, plus the following additional requirements

1. Statistics (STA 271 or 571 and 571L)
2. Introduction to Earth Science (GEO 103 or GEO 106)
3. At least one of the following courses: CHE 252; ECO 380; GEO 205, 303, 311, 314; PSC 312, 313; SOC 346

B.S. in Biology with Concentration in Human Biology

This concentration is designed for biology majors who want to develop the ability to integrate biological knowledge as it relates to human beings. The study of human biology requires fundamental knowledge of basic life science, since humans and other animals share a large number of structural, chemical, and control mechanisms. Moreover, human behavior occurs within a specific evolutionary and ecological setting, just as it does in other animals. Full appreciation of human biology, including our complex brains, our communication and conceptual abilities, and our social structures, requires an understanding drawn not only from biology but also from basic courses in anthropology and psychology, and from additional academic disciplines in the humanities and sciences.

Recommendation within the Biology Core

Completion of a statistics course listed in the Related Area Requirements for the B.S. degree is strongly recommended (STA 271 or STA 571/571L).

Basic requirements beyond the Biology Core

1. BIO 277 or 271
2. At least three of the following BIO courses: 425, 430, 438, 453, 464, 472, 479, 481, 567, 578, 583, 584, 595

Related area requirements same as B.S. above, plus the following additional requirements (12 semester hours)

1. ATY 253
2. PSY 230
3. Two courses in two different departments selected from among the following:

   ATY 331, 357, 553, 555, 559; CHE 420, 556; ESS 375; GRO 501; HIS 311, 359; HDF 211, 212; HEA 201, 207, 260, 314, 315, 316; NTR 213; PHI 220, 520; PSY 435, 436, 457; SOC 101, 201, 227, 261; SES 240

Biology Minor

Required: minimum of 17 semester hours

A minimum of 17 semester hours in biology is required for a minor in biology. A student must have at least a 2.0 GPA in Biology courses completed at UNCG to receive a minor in Biology. The following courses are required:

1. BIO 111 and 112
2. One course from two of the following four categories:

   Ecology: BIO 301

   Cell Biology: BIO 355

   Genetics: BIO 392

   Diversity: BIO 322, 341, 354, or 370

Biology as a Second Major

Students who wish to declare a second major in Biology must complete all requirements listed above under the degree selected.

Second Academic Concentration in Biology

Required: minimum of 18 semester hours

The second academic concentration in Biology is designed specifically for Elementary Education and Physical Education Teacher Education students. It requires a minimum of 18 semester hours to include:

1. Introductory Biology 111, 111L and 112, 112L.
2. One course from three of the following four core biology categories:

   Ecology: BIO 301

   Cell Biology: BIO 355

   Genetics: BIO 392

   Diversity: BIO 322, 341, 354, or 370
3. Credit hours from Biology 271 or 277 will count toward completion of the 18 hour requirement, but these courses cannot be substituted for the Introductory or core course requirements.

Biology Major with Secondary Subject-Area Teacher Licensure

B.A. in Biology with Standard Professional I License, U119

B.S. in Biology with Standard Professional I License, U218

Undergraduates seeking secondary teacher licensure in biology must satisfy the requirements for the B.A. or B.S. degree in Biology and must also complete GEO 103, MAT 151 or 191, and PHY 205/205L or PHY 211 or PHY 291. See additional information in this catalog in **Teacher Education Programs**.

Students seeking admission to the UNCG Teacher Education Program with a major in Biology must meet the following minimum requirements of the Department of Biology:

1. Completion of a minimum of 9 s.h. in biology courses, with at least 6 of those hours from courses taken at UNCG.
2. A grade point average of at least 2.50 for biology courses completed at UNCG.

Students already admitted to the UNCG Teacher Education Program with a major in Biology who are seeking admission to Student Teaching must meet the following requirements of the Department of Biology:

1. Completion of a minimum of 18 s.h. of biology courses, with at least 15 of those hours from courses taken at UNCG.
2. A grade point average of at least 2.50 for biology courses completed at UNCG.

Initial Standard Professional I License Only

AOS Codes, see above

Students who have an undergraduate degree and who are seeking the Standard Professional I License in Biology must complete the requirements for a B.A. or B.S. in Biology at UNCG with a biology grade point average of 2.50 or better. Course selection must be completed in consultation with the Head of the Department of Biology. Students who have already taken biology courses as part of their undergraduate program should contact the Head of the Department of Biology to determine if any of those courses can be accepted as meeting some of the requirements for the Standard Professional I License in Biology at UNCG.

Questions about the above requirements should be directed to the Head of the Department of Biology.

Honors in Biology

Requirements

Eighteen semester hours to consist of:

- 3 s.h. of HSS 490 Senior Honors Project
- 3–6 s.h. of BIO 493 Honors Work (only 6 s.h. may be counted toward the 30 s.h. minimum in the Biology major)
- One hour credit in any of the Department's journal clubs
- Two (2) 500-level Biology courses (for 6–8 s.h. credit)
- A third 500-level course in Biology or a Contract course in Biology at the 300 or 400 level.
- Oral presentation of Honors Thesis to a committee of three Biology Faculty is required.

Qualifications

- A grade of B or higher in all course work used to satisfy the Honors requirements in Biology
- A declared Biology Major
- At least a 3.30 overall GPA at graduation

Recognition

The designation "Completed Disciplinary Honors in Biology" and the title of the Senior Honors Project will be printed on the student's official transcript.

Honors Advisor

See Dr. Robert Cannon, Honors Liaison, for further information and guidance about Honors in Biology.

Accelerated Master's Program for Biology Majors

Interested students should see **Accelerated Master's Programs for Undergraduates** for details about the B.A. in Biology/M.S. in Chemistry program requirements.

BIOLOGY COURSES (BIO)

GE Core denotes General Education Core credit; GE Marker denotes General Education Marker credit; CAR denotes College Additional Requirement credit.

Courses for Undergraduates

105 Major Concepts of Biology (3:3)
GE Core: GNS CAR: GLS
- *For students not planning to take additional biology courses.*
- *Students who have prior credit for BIO 111, 112 may not take BIO 105 for credit.*

Introduction to major concepts in biology. Topic sections emphasize specific areas including conservation biology, biotechnology, and current issues. Survey sections emphasize basic aspects of biology, including genetics, physiology and ecology. (FALL & SPRING)

105L Major Concepts of Biology Laboratory (1:0:2)
GE Core: GNS CAR: GLS
Pr. or Coreq. concurrent enrollment in BIO 105 or previous credit for 105
- *For students not planning to take additional biology courses*
- *Students who have prior credit for BIO 111, 112 may not take BIO 105L for credit.*

Designed to acquaint non-science majors with basic laboratory practices and major ideas in biology, including function of cells, the human body, mechanisms of heredity, ecology, and evolution. (FALL & SPRING)

111 Principles of Biology I (4:3:3)
GE Core: GNS CAR: GLS
Coreq. BIO 111L

Prerequisite for most other biology courses. Lecture and laboratory cover the fundamental principles of biology including the molecular and cellular basis of life, genetics, and biotechnology. A passing grade in lecture must be achieved for successful competion of this course. (FALL & SPRING)

112 Principles of Biology II (4:3:3)
GE Core: GNS CAR: GLS
Pr. grade of C- or better in 111
Coreq. BIO 112L

Prerequisite for 300-level courses and above. Continuation of 111 and includes laboratory. Fundamental principles of biology including botany, zoology, evolution, and ecology. A passing grade in lecture must be achieved for successful completion of this course. (FALL & SPRING)

271 Mammalian Anatomy (4:3:3)
Pr. a grade of C- or better in BIO 111

Human anatomy with study of skeletons, models, and anatomical preparations. Includes dissection of cat.

277 Mammalian Physiology (4:3:3)
Pr. a grade of C- or better in BIO 111 and high school chemistry with grade of C or better

Human physiology with emphasis on homeostatic mechanisms.

280 Fundamentals of Microbiology (4:3:4)
Pr. a grade of C- or better in BIO 111, and successful completion of either 271 or 277
- *Students cannot receive credit for both this course and BIO 481.*

General survey of microscopic life and its impact on medicine, public health, and the environment. Includes laboratory work with bacteria, emphasizing aseptic technique.

Prerequisite for all remaining courses (300, 400, and 500 levels): a grade of C- or better in both 111 and 112

301 Principles of Ecology (3:3)
Pr. 111 and 112

Introduction to fundamentals of ecology. Principles relating to populations, communities and ecosystems. Particular emphasis placed on the many dimensions of interdependence within ecosystems. (FALL & SPRING)

302 Introductory Ecology Laboratory (1:0:4)
Pr. 111 and 112, and 301 (may be taken concurrently)

Laboratory course to accompany BIO 301. Several field trips. (FALL & SPRING)

322 Plant Diversity (4:3:3)
Pr. 111 and 112

Introduction to the plant, fungi, and protista kingdoms. Emphasis is on structure, reproduction, and life cycles of the organisms. (FALL)

341 Invertebrate Zoology (4:3:3)
Pr. 111 and 112

Major invertebrate groups with emphasis on ecology, physiology, evolution, and structural adaptations of representative types. Weekend coastal field trip required. (SPRING)

354 Plant Systematics (4:3:3)
Pr. 111 and 112

Introduction to the classification and evolution of vascular plants. The principles of classification and characteristics of selected plant families are emphasized. (SPRING)

355 Cell Biology (3:3)
Pr. 111 and 112, and CHE 114 or equivalent

Study of cellular organization and function. Fundamental biochemical properties, including cellular components, enzyme function, energetics, and metabolism studied in relation to cellular structure, membrane function, cell movement, and cytoplasmic compartments. (FALL & SPRING)

356 Cell Biology Laboratory (1:0:3)
Pr. 111 and 112, and 355 (may be taken concurrently)

Laboratory exercises to complement lecture material of 355. (FALL & SPRING)

361 Biology and Conservation of Sea Turtles (3:1:6)
Pr. 111 or permission of instructor
- *Travel fees involved, see instructor for details.*

Students spend 2 weeks in July/August in Tortuguero, Costa Rica assisting with tagging and collecting data on nesting turtles. Seminar and NC field trip in spring. (ODD)

364 Experimental Course: Patterns in Life's Diversity (2:2)
Pr. BIO 111 and 112

Historical and contemporary patterns of life's diversity on earth and how these patterns have been generated, through time and space, by biotic and abiotic processes. (Offered spring '06)

370 Vertebrate Zoology (3:2:3)
Pr. 111 and 112

Classification, identification, and phylogeny of all classes of vertebrates, with field work. (FALL)

392 Genetics (3:3)
Pr. 111 and 112

Mendelism and modern trends in genetics. (FALL & SPRING)

393 Genetics Laboratory (1:0:4)
Pr. 111 and 112, and 392 (may be taken concurrently)

Laboratory course to complement BIO 392. Exercises employ both classic genetic approaches and modern recombinant DNA technology. (FALL & SPRING)

420 Marine Biology (3:3)
Pr. 111 and 112, and one of the four core courses

An introduction to marine organisms and their habitats; special attention given to adaptations necessary for marine life, physical oceanography, and basic ecological principles; one weekend coastal field trip is required. (EVEN SPRING)

424 Plant Physiology and Biotechnology (3:2:3)
Pr. 111 and 112, and 355

Physiological processes involved in plant growth spanning effects from the molecular to the environmental level. Laboratories will utilize biotechnological manipulations of the model plant Arabidopsis. (SPRING)

425 Biological Clocks (3:3)
Pr. 111 and 112, and one of the four core courses

Descriptive survey of behavioral and physiological rhythms in humans and other animals, including circadian, tidal, lunar, seasonal and circannual cycles, with ecological considerations and implications for human health.

430 Biological Evolution (3:3)
Pr. 111 and 112, and 301 and 392, and a diversity course

Survey of modern systematics and the biological mechanisms responsible for diversity among living forms. (SPRING)

431 The Biosphere (3:3)
Pr. 111 and 112, and 301

A study of environmental issues in biology, specifically ecosystems, population dynamics, biodiversity and extinction.

438 Animal Behavior (3:3)
Pr. PSY 121 and 230, or BIO 111 and 112
- *Students cannot receive credit for both this course and BIO 439 or PSY 438 or 438L.*

Application of theory of evolution to the explanation of animal behavior. Surveys a variety of species, addressing several behavioral categories as well as issues in sociobiology and human evolution. (Same as PSY 438)

439 Animal Behavior with Laboratory (4:3:3)
Pr. PSY 230 and 311, or BIO 111 and 112
- *Students cannot receive credit for both this course and BIO 438 or PSY 438 or 438L.*

Application of theory of evolution to animal behavior. Includes laboratory and field techniques for assessing behavioral adaptations. Surveys several behavioral categories in a variety of species. (ALT SPRING) (Same as PSY 438L)

453 Vertebrate Morphogenesis (4:3:3)
Pr. 111 and 112, and 355

Vertebrate development focussed on cellular and molecular mechanisms of induction, differentiation, and morphogenetic processes that give rise to the adult body plan. Laboratory includes study of vertebrate embryos and adult specimens. (FALL)

464 Developmental Biology (4:3:3)
Pr. 111 and 112, and 355

A survey of developmental processes in plants and animals. Topics will include fertilization, achievement of multicellularity, cell determination and differentiation, pattern development, and the genetic regulation of such processes. (SPRING)

472 Histology (4:3:4)
Pr. 111 and 112, and 355

Microscopic anatomy of vertebrate tissues. Emphasis on correlation of cell and tissue functions with structures visible under the light and electron microscopes. (ODD SPRING)

477 Animal Physiology (3:3)
Pr. BIO 111, 112, 355, and one of BIO 277, 341, or 370

Physiology of invertebrates and vertebrates including metabolism, temperature regulation, respiration, blood, circulation, water and ion balance, excretion, and the nervous, sensory, endocrine, and muscular systems. (EVEN FALL)

479 Neurobiology (3:3)
Pr. 111 and 112, and 355

Survey of major integrative mechanisms used by nervous systems from invertebrates to humans. Synaptic transmission, sensory processing and activity of neural circuitry controlling behavior will be analyzed. (ODD FALL)

481 General Microbiology (4:3:4)
Pr. 111 and 112, and two of the following three courses: 301, 355, 392, or permission of instructor

Introductory survey of microbiology, emphasizing the role of microorganisms in everyday life. (FALL)

490 Medical Technology Clinical Year (30)
- *Enrollment restricted to majors in the Medical Technology program who have been accepted to a clinical program and are completing requirements for the B.S.M.T..*

Registration and credit are structured as follows: BIO 490A (fall semester—12 s.h.), BIO 490B (spring semester—12 s.h.) and BIO 490C (summer session—7 s.h.).

493 Honors Work (3–6)
Pr. permission of instructor; 3.30 GPA in the major, 12 s.h. in the major
- *May be repeated for credit if the topic of study changes**

**Only three (3) semester hours allowed in combination with BIO 497 or 499*

494 Introduction to Biotechnology (4:3:4)
Pr. 111 and 112, and 12 s.h. of biology or chemistry above the 100 level, including BIO 392

Introduction to the principles and techniques of biotechnology. Includes molecular cloning, DNA sequencing, and gene expression. Explores topics such as gene amplification, gene therapy, and DNA fingerprinting. (SPRING)

497 Internship in Biology (1–3:0:3–9)
Pr. minimum overall GPA of 2.80; two (2) of 301, 322, 341, 354, 355, 370, 392 with a grade of C or better; and permission of instructor
- *May be repeated for up to six (6)* semester hours with departmental permission.*

**Only three (3) semester hours allowed in combination with BIO 493 or 499*

Students work at site outside University for a minimum of 45–135 s.h. under direction of faculty and on-site supervisor. Times vary. Prior approval required.

498 Biology Seminar (1:1)

Oral reports and discussions of topics from current literature of biology by students, faculty and guest lecturers.

499 Undergraduate Research (1–3)
Pr. 111 and 112, and two (2) core courses, and permission of instructor
- *May be repeated for up to six (6)* semester hours with departmental permission.*

**Only three (3) semester hours allowed in combination with BIO 493 or 497*

Biological research under the direction of a faculty member, culminating in a written report. Research will include laboratory and/or field work and/or directed readings of the literature. Times by arrangement.

Courses for Advanced Undergraduates & Graduate Students

501 Advanced Topics in Animal Ecology (3:3)
Pr. 111 and 112, and a previous course in ecology

Directed readings in the literature of physiological ecology, growth and regulation of populations, community structure, energy flow, mineral cycling, and other areas of current research interest.

502 Advanced Topics in Animal Physiology (3:3)
Pr. 111 and 112, and 277 and 355

Study of physiological mechanisms; selected problems from current literature.

503 Advanced Topics in Biochemistry (3:3)
Pr. 111 and 112, and 535

Directed readings and reports from the biochemical literature. Structure and biosynthesis of macromolecules and the composition and kinetic characteristics of biochemical pathways.

504 Advanced Topics in Cell Biology (3:3)
Pr. 111 and 112, and 355

Advanced treatment of cell biology covering selected topics such as gene regulation, protein sorting, cell cycle control, apoptosis. The course will consist of lectures and discussion of research articles.

505 Advanced Topics in Ecological Physiology (3:3)
Pr. 111 and 112, and 477 or 579

Study of a major topic in ecological physiology of animals, including mechanisms by which physiological processes change in response to environmental alterations and the ecological significance of those changes.

506 Advanced Topics in Genetics (3:3)
Pr. 111 and 112, and 392

Basic mechanisms of gene action in microbes, animals, and plants.

507 Advanced Topics in Neurobiology (3:3)
Pr. 111 and 112, and 477 and 479, or permission of instructor

Directed readings on fundamental physiological principles of nervous system functioning. Topics may include motor pattern generation, sensory transduction, sensori-motor integration, neurohormonal modulation of behavior.

509 Advanced Topics in Microbiology (3:3)
Pr. 111 and 112, and 481

Critical review of current research covering a wide range of topics including infectious diseases, bacterial physiology, marine microbiology, and immunology. Focus on students' interests or needs.

510 Advanced Topics in Plant Ecology (3:3)
Pr. 111 and 112, and a previous course in ecology

Studies of special terrestrial communities or plant groups.

511 Advanced Topics in Plant Physiology (3:3)
Pr. 111 and 112, and 424

The physiology of growth and development in vascular plants treated in terms of phytohormones, nutrition, theories of transport, and environmental factors.

512 Advanced Topics in Plant Structure and Evolution (3:3)
Pr. 111 and 112, and 322 or 354, or permission of instructor

Study of current topics in plant structure, development, and evolution. A term paper is normally required.

513 Advanced Topics in Reproductive Biology (3:3)
Pr. 111 and 112, and 464, or permission of instructor

Directed readings and original research on reproductive biology, with emphasis on structural, regulatory, behavioral, and evolutionary aspects.

515 Advanced Topics in Vertebrate History (3:3)
Pr. 111 and 112, and 271 or 453, and 370, and 392; and permission of instructor

Directed/independent study of classification and phylogeny of particular vertebrate groups that results in a term paper.

520 Ecosystem Ecology (3:3)
Pr. BIO 301

Introduction to ecosystem function, structure, and dynamics; basic ecosystem theories; discussions of key processes governing energy flow and nutrient cycling; comparison of ecosystems; selected original literature. (ALT SPRING)

522 Landscape Ecology (3:3)
Pr. 111 and 112, and 301; STA 271 recommended
Coreq. 523

Introduction to patch-corridor-matrix structure of landscapes and their impact on ecological processes. Discussion of landscape indices, spatial heterogeneity, current issues, and general approaches in landscape ecology. (FALL)

523 Landscape Ecology Laboratory (1:0:4)
Pr. 111 and 112, and 301
Coreq. 522

Field labs to observe different landscape structures and conduct course projects for comprehending principles of landscape ecology. Students will use computer labs for GIS basics, landscape analyses. (FALL)

526 Conservation Biology (3:3)
Pr. 111 and 112, 301 and 392; STA 271 recommended

Introduction to habitat and species conservation; topics include genetic diversity, demographic patterns of rare species, habitat fragmentation, design and management of nature reserves, ecological restoration. (EVEN FALL)

527 Terrestrial Plant Ecology (3:2:3)
Pr. 111 and 112, and 301; STA 271 recommended

Application of principles of ecology to plants and plant communities. Experimental methods stressed in laboratory work. Two required weekend field trips. (ODD FALL)

528 Microbial Ecology (3:3)
Pr. 111 and 112, and 301, and either 280 or 481, or permission of instructor

Emphasis on current areas of active research with reference to applied problems. (EVEN SPRING)

529 Aquatic Ecology (3:3)
Pr. 111 and 112, and 301, and CHE 114, or permission of instructor

The study of the geology, physics, chemistry, and ecology of lakes, including reserviors and streams with comparisons to the ocean.

530 Aquatic Ecology Laboratory (1:0:4)
Pr. BIO 301
Coreq. BIO 529

Practical study of water chemistry methods, lake and stream morphometry, identification of freshwater zooplankton, benthic invertebrates and fish, and field trips to area reservoirs and streams. (FALL)

535 Metabolic Regulation in Health and Disease (3:3)
Pr. 111 and 112, and 277 or 355 or 392, or permission of instructor

Chemical properties of major cellular compounds; biosynthesis, degradation, and function of carbohydrates, lipids, proteins, nucleic acids, vitamins, and hormones; energy metabolism; enzymatic catalysis. (SPRING)

541 Entomology (3:2:3)
Pr. BIO 111, 112, 301, 341, or permission of instructor. BIO 392 recommended.

A theoretical and practical overview of the insect orders, selected topics of insect behavior, ecology, and evolution, and an introduction to human-insect interactions. (ALT FALL)

540 Genes and Signals (3:3)
Pr. BIO 355 and 392

Investigates the regulation of gene expression in bacteria, yeast, and higher eukaryotes, and explores how such regulatory systems have evolved. (ALT SPRING)

543 Biophysics (3:3)
Pr. 111 and 112, and PHY 211/212 or 291/292; and MAT 191; and BIO 355; and CHE 111/114; or permission of instructor.

Introduction to cellular biophysics, with emphasis on the physical properties of membranes, including membrane transport mechanisms and electrical properties of membranes. (ALT FALL) (Same as PHY 543)

545 General Biochemistry Laboratory (1:0:3)
Pr. 111 and 112, and 535 (may be taken concurrently)
Experimental work designed to complement lecture material of 535. (FALL)

549 Current Topics in Biology (1–3)
Pr. 111 and 112, and permission of instructor
Advanced topics courses in the biological sciences. Topics vary with instructor.

552 Metamorphosis (3:3)
Pr. 111 and 112, and 355, and one 400-level course in Biology
Readings, discussions, and oral presentations of current literature on metamorphosis in animals. Mechanisms controlling metamorphosis, evolution of complex life cycles, and adaptations to differing habitats.

555 Vertebrate Reproduction (3:3)
Pr. 111 and 112, and 464
An advanced treatment of the diversity of vertebrate reproductive biology, with emphasis on structural, regulatory, behavioral, and evolutionary aspects.

560 Symbiosis (3:3)
Pr. 111 and 112, and any three core courses, or permission of instructor
Symbiotic interactions of living organisms from an evolutionary perspective. Metabolic, genetic, behavioral, and ecological adaptations which allow symbioses to be formed and maintained will be discussed. (ODD SPRING)

567 Chemical Senses (3:3)
Pr. 111 and 112, and 355, and one of the following: BIO 277, 472, 477, 479, PSY 435, PSY 436, or permission of instructor
Exploration and interactive discussion of chemosensory stimuli, chemosensory transduction mechanisms, neural processing of chemosensory information, and organismal consequences of chemoreception.

573 Drugs and the Brain (3:3)
Pr. 111, 112, 355, and one of the following: 277, 477, 479, PSY 230; or permission of the instructor.
- *CHE 351 recommended.*

Pharmacology of major neurotransmitter systems in the brain and nervous system. Actions of clinically relevant drugs on these systems will be analyzed along with major drugs of abuse. (ALT FALL)

575 Neuroanatomical Techniques (3:2:4)
Pr. 111 and 112, and 355 and one of the following: BIO 453, 472, 477, 479, PSY 435, or permission of instructor
Practical experience with a variety of neuroanatomical procedures used to investigate the structural framework of nervous systems in invertebrate and vertebrate preparations. Students will learn to conduct independent projects. (ODD SPRING)

578 Hormones in Action (3:3)
Pr. 111 and 112, and 277 and 355 and 392
Hormonal signaling in humans and other animals is examined using developmental, physiological, behavioral, cellular, and molecular perspectives, with special emphasis on the adrenal glands and the gonads.

579 Environmental Physiology (3:3)
Pr. 111 and 112, and 341 or 355 or 370, and 277 or 477
Lectures, discussions, and student presentations on the physiology of animals as it is influenced by and is adapted to environmental conditions. (ODD FALL)

583 Virology (3:3)
Pr. 111 and 112, and 481 or permission of instructor
Selected topics in virology. Emphasis upon new trends in the study of animal, plant, and bacterial viruses at both molecular and cellular levels. (EVEN SPRING)

584 Immunology (3:3)
Pr. 111 and 112, and 481, or permission of instructor
Principles of immunology and serology covering both humoral and cellular aspects of immunobiology. Selected topics include: T and B cell, immunoglobulins, tolerance, hypersensitivity. (ODD SPRING)

586 Cell Cycle and Cancer (3:3)
Pr. BIO 111, 112, 355, 392, or permission of instructor
Molecular basis of cell division and cancer examined through lectures and discussions of primary literature. Topics include cell cycle control, genomic stability, carcinogenesis, and cancer genetics. (ALT SPRING)

589 Experimental Course: Biology of Aging (3:3)
Pr. three BIO classes at the 300 level
Discussion of biological causes of aging, ranging from genes to organisms. Includes theory, models, and processes. (Offered fall '07)

591 Population Genetics and Molecular Evolution (3:3)
Pr. 111 and 112, and 392, or permission of instructor
Application of population genetic and molecular evolutionary theory to the study of natural history, natural selection, genome variation and organization, human evolution, conservation biology, and forensics. (ALT FALL)

592 Genomics (3:3)
Pr. 392 or permission of the instructor
An examination of genomic concepts and technologies, their application to understanding genome content, structure, function, and evolution, implications for understanding fundamental biological and health questions, and management of genomic data. (ALT FALL)

593 Genetics of Complex Traits (3:3)
Pr. BIO 392 or permission of instructor
Theory, experimental methods, and analysis related to the genetic basis for variation in complex traits, including quantitative and threshold traits in animals and plants, and complex human diseases. (ALT SPRING)

595 Advanced Genetics (3:3)
Pr. 111 and 112, and 392
Selected topics in genetics at an advanced level. Emphasis placed on comparative view of molecular mechanisms underlying animal and plant development. (EVEN SPRING)

596 Molecular Biological Approaches in Research (1:1)
Pr. 111 and 112, and 392
- *May be repeated for a total of three (3) semester hours.*

Use of novel molecular approaches to address current questions in the life sciences will be explored by analyzing recent research reports and learning the principles underlying these approaches.

597 Workshops in Biotechnology (1:0.5:3)
Pr. 111 and 112, and 494, or permission of instructor
- *May be repeated for credit as long as letter suffix of course differs: workshops of a given letter may only be taken once.*

Individual, intensive four-week workshops focused on specific techniques in biotechnology. Provides hands-on experience designing and implementing a focused project utilizing current methods and bioinformatics. (FALL & SPRING)

Please refer to The Graduate School Bulletin *for additional graduate-level Biology courses.*

Department of Broadcasting & Cinema

College of Arts & Sciences

321 McIver Building
336/334-5360
www.uncg.edu/bcn

FACULTY

Roch C. Smith, Interim Head of Department
Professors Fragola, Jellicorse
Associate Professors Adams, Barr, Edwards, Frierson
Assistant Professors Baym, Ingram, Podlas
Visiting Assistant Professor Holmes
Lecturers Bonney, Donaldson, Terres

The Department of Broadcasting and Cinema offers a major in Media Studies. The Media Studies major is designed to produce exemplary liberal arts graduates who can think critically and creatively, who can communicate clearly and effectively in oral and written discourse, who can skillfully and ethically employ contemporary media technology, and who are knowledgeable of the history and theory of film and electronic media. Given the diversity and complexity of moving image media, five concentrations are provided to permit each student to tailor his or her curriculum for in depth study in an area of the discipline.

The Department offers two minors: a non-production Film and Television Studies minor and a Radio minor, each requiring 18 semester hours of courses.

The Department's rich and varied curriculum is matched by an extensive co-curricular program that includes opportunities to participate in on-campus media productions, the student-run campus radio station, the UNCG Carolina Film and Video Festival (CFVF), various media workshops, and a strong local and national internship program. The CFVF is an annual, international competitive showcase for student and independent media producers. The Department hosts the Festival screenings and workshops each spring.

The Department is housed in the McIver Building and in the Carmichael Radio and Television Center. The Carmichael Center, originally constructed as a television and radio facility, is a building unique within the city, region, and The University of North Carolina system. The Department's faculty is composed of talented artists and scholars with excellent reputations as teachers. Students are encouraged to collaborate with faculty and graduate students in the Department's Master of Fine Arts program as a means of enriching their course of study.

Media Studies Major (MDST)

Degree: Bachelor of Arts

Required: 122 semester hours, to include at least 36 hours at or above the 300 course level

Available Concentrations and AOS Codes:

Film & Television Studies, U856
Film & Video Production, U857
News & Documentary, U858
Media Management, U835
Media Writing, U847

Admission Procedures for the Media Studies Concentrations

a. Admission to the University does not imply automatic admission to the Media Studies major. Students must make formal application.
b. Application is made at the end of the fall and spring semesters. Applicants will obtain admission application forms in BCN 100. Admission application forms are also available from the Broadcasting and Cinema Departmental office in 321 McIver Building.
c. The deadline for filing an application is Reading Day of fall or spring semesters. Applications received after Reading Day will not be processed until the next semester. The foundation courses (ENG 101, BCN 100, and BCN 101 or 102) must be completed prior to or during the semester at the end of which application will be made.
d. Since admission to the Media Studies Major requires a probationary year at UNCG, transfer students will usually require a minimum of six (6) semesters at UNCG to complete degree requirements. Community college transfers entering with associates degrees may not be able to enroll in a full-time schedule in the fall semester since BCN 101 and 102 are offered only in the spring.

Criteria for Admission to the Media Studies Major

a. Minimum overall grade point average of 2.20
b. Completion of ENG 101, BCN 100, and BCN 101 or 102, with grades of C or better (C- is not accepted).
c. Selection, upon admission, of a Media Studies concentration as listed below. Students are limited to registration in only one concentration and must receive permission to take courses in another concentration.
d. Students should not take courses outside their declared concentration. Exceptions will be made on a space available basis by approval of the course instructor. Students who appear to be following a Media Studies concentration but who have not been formally registered in that concentration may be prohibited from taking additional course work in that concentration.

Criteria for Continuing in the Media Studies Major

a. Initial admission to the Media Studies major does not guarantee the student the right to complete the degree program.

b. Continuation in the Media Studies major is contingent upon the following requirements.
   (1) Maintenance of a minimum overall GPA (currently 2.20). Students with GPAs below 2.20 may be granted up to two (2) semesters of probationary status (sequentially or in separate semesters), after which they shall be removed from the major if the GPA remains below 2.20. Students placed on probation may not take any restricted courses until they return to good standing. Restricted courses include BCN 271, 272, 350, 361, 370, 371, 373, 441, 468, 470, 471, 473, 550, 551, 552, 553, 580, 585, 587, and 588.
   (2) Only grades of C or better (C- is not accepted) taken in BCN or related courses substituted in the major will count toward completion of a major or minor.
   (3) Demonstration of high quality oral and written communication.
   (4) Adherence to all building and equipment policies and procedures, including the departmental and University shooting protocols.
   (5) Professional conduct and treatment of program equipment, including prompt payment of any charges assessed for equipment damage.
   (6) Compliance with all University regulations including the Academic Honor Policy. Plagiarism, submitting the same work to more than one class, falsified attendance records, etc., are grounds for dismissal from the major.

REQUIREMENTS

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	**S.H.**
Students may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
Historical Perspectives on Western Culture (GHP)	3
Mathematics (GMT)	3
Natural Sciences (GNS)	6–7
one must be a laboratory course; each must have a different departmental prefix	
Reasoning and Discourse (GRD)	6
ENG 101 or FMS 115 or RCO 101, and one additional GRD course	
Social and Behavioral Sciences (GSB)	6
Department specifies courses for:	
One additional GLT course *(student may select)*	3

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers; at least one course must carry the GN marker.

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major.** All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major**. All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III College of Arts and Sciences Additional Requirements (CAR)

See pp. 89–91 for requirements and approved courses.

Historical Perspectives on Western Culture	3
either a GHP/GPM or GMO course	
Natural Sciences	3–4
one additional GNS/GLS or GPS course	
Social and Behavioral Sciences (GSB)	3
one additional GSB course	
Foreign Language (GFL)	0–12
intermediate-level proficiency in one language, demonstrated by placement test, or completion of course work through course number 204	
Writing Intensive Courses (WI)	
a total of four WI courses	

IV Major Requirements

Minimum 40 semester hours in Media Studies (all levels).

Students must take the core requirements (22–23 hours) and one of five concentrations (18 hours) as listed below to complete the minimum requirements for the Media Studies major.

Core Requirements (22–23 semester hours)

BCN 100, 101 or 102, 203, 204, 205, 301, 407, 499

Concentration Requirements (18 semester hours)

1. Film and Television Studies

Film and Television Studies provides a broad-based approach emphasizing the analysis of film and television aesthetics, the social impact of film and television, and the interconnection among film, television, and culture. Film and Television Studies is recommended especially for students interested in film and television art, criticism, research, history, and theory, and those who plan to undertake graduate studies.

The concentration requires a minimum of six (6) courses, including a capstone course as indicated. At least four (4) of the courses must be at the 300 level or above:

BCN 207

Five (5) courses from the following, including a capstone course as indicated:

At least two (2) but no more than four (4) courses chosen from: BCN 101 or 102 (one not chosen for the core requirement), 305, 325, 326, 515, 526, 527, 528. At least one from BCN 515, 526, 527, or 528 must be taken as a capstone course.

At least one but no more than three (3) courses from: AFS 310; ART 313; CST 200, 555; ENG 329; GER 306F; HIS 399; SOC 365. The courses not selected from this group are recommended as University electives.

2. Film and Video Production

The Film and Video Production concentration provides a broad-based approach emphasizing the aesthetics and practice of film and video production in both image and sound aspects for both fiction and nonfiction media genres. This concentration is especially recommended for students wishing to engage in the practice of film and video production and for those interested in graduate study in an MFA program in media production.

The concentration requires a minimum of six (6) courses, including a capstone course as indicated. At least four (4) of the courses must be at the 300 level or above:

BCN 271, 272, 373; 526 or 527 or 528

Two (2) from among BCN 273, 370, 371, 380, 470, 471, 473, 580, 585, 587, 588. At least one (1) from BCN 470, 580, 585, 587, or 588 must be taken as a capstone course.

3. News and Documentary

News and Documentary introduces students to the practice and analysis of broadcast journalism, documentary, and other forms of electronic information gathering and presentation. Emphasis is on a broad-based understanding of social processes and the development of writing, reporting, and production skills.

The concentration requires a minimum of six (6) courses, including a capstone course as indicated. At least four (4) of the courses must be at the 300 level or higher:

BCN 271, 272, 341, 371 or 380 or 441; 326 or 526; 442 or 588 (capstone courses)

In addition, News and Documentary students must take the following General Education courses:

ECO 101; HIS 211 and 212; PSC 100. The following electives are recommended: ENG 219; BCN 326 or 526 (the one not chosen above), 361, 443, 371 or 441 (the one not chosen above), 442 or 588 (the one not chosen above), 525.

4. Media Management

The Media Management concentration is designed to prepare students, within a liberal arts context, for careers in broadcast and media management. Emphases including strategic planning, corporate governance, financing, programming, and producing for broadcast, cable, cinema, and new media industries.

The concentration requires a minimum of six (6) courses, including a capstone course as indicated. At least four (4) of the courses must be at the 300 level or higher:

- BCN 207; one from 526, 527, 528
- BCN 322, 324, 326, 343, 492, 494, 524, 525, 585, including designation of one from among 524, 525, or 585 as a capstone course. Students may count only three (3) semester hours of BCN 492 or 494 internship credit toward the concentration.

In addition, majors in this concentration must complete the Business Minor (AOS code U398) in the Bryan School of Business and Economics.

Recommended electives include BCN 324, 326, 343, 468, 492, 494 (if not selected above); CST 308, 342, and 562.

5. Media Writing

Media Writing introduces students to conceptualization, research, organization, and execution of scripts for film and electronic media and is the recommended concentration for students who wish to become directors of film and electronic media productions.

The concentration requires a minimum of six (6) courses, including a capstone course as indicated. At least four (4) of the courses must be at the 300 level or higher:

BCN 207; one from 526 or 527 or 528

Four (4) courses from BCN 252, 341, 343, 350, 443, 550, 551, 552, 553. At least one from BCN 551, 552, or 553 must be taken as a capstone course.

Capstone Courses

It is strongly recommended that the capstone course be taken in the student's final semester.

V Electives

Major Electives

Media Studies majors are encouraged to develop a strong minor or second major in a related area of communication (e.g., Art, Communication Studies, English, etc.), a modern foreign language, or a content area (e.g., History, Psychology, Sociology, etc.). Media Studies majors may take a limited number of electives in the major, but it is strongly recommended that these courses be limited to the following:

1. Practicum courses (all require permission of instructor): BCN 190, 191, 196, 197, 296, 395, 396, 399, 490, 491, 496, 497. Practicum registrations are for individual or group work conducted under the supervision of a teaching assistant or a faculty member.
2. Internship courses: BCN 492, 494
3. Honors work: BCN 493

University Electives

Electives sufficient to complete the 122 semester hours required for the degree.

Media Studies Minors

On a space available basis, the Department of Broadcasting and Cinema supports the following two minors:

Film & Television Studies Minor

Required: minimum of 18 semester hours

AOS Code: U859

a. Required courses (6 s.h.): BCN 100 and 101 or 102

b. Other courses (minimum 12 s.h.) from those listed below. Students wishing to complete the Film and Television Studies Minor must be officially registered with the Department of Broadcasting and Cinema for permission to enroll in some of the courses listed:

BCN 101 or 102 (if not chosen for the core requirement), 203, 205, 225, 226, 301, 305, 322, 325, 326, 515, 525, 526, 527, 528

Radio Minor

Required: minimum of 18 semester hours

AOS Code: U848

a. Required courses (6 s.h.): BCN 100 and 102

b. Other courses (minimum 12 s.h.) from those listed below. Students wishing to complete the Radio Minor must be officially registered with the Department of Broadcasting and Cinema for permission to enroll in most of the courses listed: BCN 190, 273, 305, 322, 326, 341, 343, 361, 399, 473, 490, 526

BROADCASTING & CINEMA COURSES (BCN)

GE Core denotes General Education Core credit; GE Marker denotes General Education Marker credit; CAR denotes College Additional Requirement credit.

Courses for Undergraduates

100 Introduction to Media Studies (3:3)

Introduction to the discipline of Media Studies with emphasis on the origins, characteristics, and effects of media. Media change and convergence as they effect media industries and society. (FALL & SPRING)

101 The Development of the Cinema (4:3:3)

GE Core: GFA

Development of motion picture industry. Emphasis on history and major film movements. (SPRING)

102 The Development of Broadcasting (3:3)

Emergence, structure, and scope of radio, television, and cable. Examination of broadcasting theories and practices, with emphasis on audience influences on broadcasting and the effect of broadcasting on individuals and society. (SPRING)

190 WUAG Practicum (1–2)

- *May be repeated for credit for a maximum of three (3) semester hours.*

Supervised participation in radio broadcasting or program production at the campus radio station WUAG.

191 CFVF Practicum (1–2)

Pr. permission of instructor

- *May be repeated for credit for a maximum of three (3) semester hours.*

Supervised participation in the preparation for and implementation of the UNCG Carolina Film and Video Festival.

196 Media Workshop (1:2)

- *May be repeated for a total of three (3) semester hours.*
- *Grade: Pass/Not Pass (P/NP)*

Examination of specific aspects of broadcasting, film, and other media as provided by screenings and by instruction of industry professionals. (FALL & SPRING)

197 Media Production Practicum (1–3:0:3–9)

- *May be repeated for a total of three (3) semester hours.*

In-depth, hands-on exposure to the many aspects of the production and postproduction process of film and electronic visualization. (FALL & SPRING & SUMMER)

203 Applied Aesthetics for Film and Video (3:3)

Study of the major aesthetic elements in film and video production—light, space, time-motion, and sound. (FALL & SPRING)

204 Introduction to Media Writing (3:3)

Pr. ENG 101 or FMS 115, or permission of instructor

Introduction to theory and practice of media writing with concentrated exercises in developing messages and shaping those messages to the demands and characteristics of various media. (FALL & SPRING)

205 Film/Television Criticism (3:3)

Pr. admission to Media Studies major, or permission of instructor

Introduction to critical thinking, writing, and analysis of film or television and the interrelation among society, culture, and media texts. Fall: film emphasis; Spring: television emphasis. (FALL & SPRING)

207 Introduction to Film and Video Production (3:3:2)

Pr. BCN 100, and 101 or 102, and admission to Media Studies major

Introduction to basic equipment and facilities used in film and video production. (SPRING)

225 Masterpieces of Cinema (3:2:3)

GE Core: GFA

Analysis of selected, significant motion pictures of the world's cinema, from the silent period to the present.

226 Masterpieces of Television Drama (3:2:3)

GE Core: GFA

Analysis of selected, significant, prime-time television dramas with emphasis on recent works of major producers. (FALL & ALT SPRING)

252 Creative Process in Film and Video (3:3)

Pr. BCN 101

Various approaches for the enhancement of the visual imagination, emphasizing the origination of ideas and their development into scripts for film and video.

271 Introduction to Image and Sound Acquisition (3:3)

Pr. admission to Media Studies major

Coreq. BCN 272 must be taken simultaneously with this course.

Theory and practice of single camera film and video image and sound acquisition. (FALL & SPRING)

272 Introduction to Image and Sound Postproduction (3:3:2)

Pr. admission to Media Studies major

Coreq. BCN 271 must be taken simultaneously with this course.

Introduction to digital editing technology and basic aesthetic considerations of video editing. (FALL & SPRING)

273 Basic Audio Production (3:3)

Pr. BCN 203 and 205

Basic sound production techniques including console operation, equipment use, microphone technique, sound for the moving image, analogue tape, and digital editing.

296 Spartan Television Practicum (1–2)

Pr. permission of instructor

- *May be repeated for credit for a maximum of three (3) semester hours.*

Supervised participation in the production of television programming and promotion of the campus cable channel Spartan Television. (Formerly BCN 390)

301 Media Communication Theory (3:3)

Pr. BCN 100, and 101 or 102, 205, or permission of instructor

Media communication theory as a tool for understanding media contexts and social effects. Additional emphasis given to research design and data gathering techniques for media studies. (FALL & SPRING)

305 The Development of Digital Media (3:3)
Pr. BCN 100, and 101 or 102, or permission of instructor for non-majors
Introduction to the development, future, and utilization of digital media. (FALL)

322 Broadcast Programming (3:3)
Pr. BCN 102 and 205
Analysis of program sources for radio, television, and cable. Focus on program evaluation, selection, acquisition, and on scheduling practices.

323 Radio and Media Culture (3:3)
Pr. BCN 102 or permission of instructor
Study of significant developments in the history of the radio industry and its usage by and effect on society. (SPRING)

324 Media, Sport, and the Law (3:3)
The study of media's influence on and intersection with sports and the law.

325 Gender and Media Culture (3:3)
GE Core: GSB
Pr. ENG 101 or FMS 115 or permission of instructor
Examination of the nature of media contents and production processes as they influence the construction of feminine and masculine identities.

326 News Analysis (3:3)
Pr. BCN 205, 301
Analysis of news practices and presentation across multiple media and formats from a variety of theoretical, philosophical, and historical perspectives.

341 Broadcast Newswriting (3:3)
Pr. BCN 203, 204, and 205
Writing and planning newscasts for broadcast media.

343 Broadcast Copywriting (3:3)
Pr. admission to Media Studies major or permission of instructor
Analysis of persuasive radio and television spots and examination of broadcast copywriting techniques with emphasis on development of writing skills for electronic media.

350 Writing for the Screen (3:3)
Pr. BCN 101, 203, 204, 205, 301; 252 recommended
Study of techniques of script writing, both adaptations and original material.

361 Radio and Television Announcing (3:3)
Pr. BCN 203 and 205, or permission of instructor
Theory and practice of announcing skills and techniques in radio and television broadcasting. (SPRING)

370 Film Production I (3:3)
Pr. BCN 101, 203, 271 and 272, 205
Introduction to technique in the use of the camera to communicate visual ideas. Emphasis is given to technical skills and equipment.

371 Field and Studio Production (3:2:3)
Pr. BCN 205, 271, 272, or permission of instructor
Intermediate principles of field and television studio video production. (FALL & SPRING)

373 TV and Film Lighting (3:2:3)
Pr. BCN 203, 205, 271, 272, 301, or permission of instructor
Principles of light and color in lighting for television and film production. Application of the equipment and accessories used in the execution of lighting design through practical projects.

380 Studio News Production (3:2:3)
Pr. BCN 271, 272, or permission of instructor
Principles and techniques for production of studio-based television newscasts. (SPRING)

395 Special Problems (1–3)
Pr. Permission of faculty supervisor is required prior to registration.
- *May be repeated for credit.*

Guided individual study in an area of special interest to the student.

396 Spartan Television II (3:2:3)
Pr. BCN 296 or permission of instructor
Intensive workshop in Spartan Television, the campus television channel, including conceptualization, design, and production of regularly scheduled programming. (FALL & SPRING)

399 Radio-TV-Film Production Workshop (3:0:9)
Pr. BCN 203, 205, 271 and 272, 301. Permission of faculty supervisor required prior to registration.
- *May be repeated for credit.*

Guided practice in a creative area of radio, television, or film, including writing, directing, performing, sound design, cinematography, or editing.

407 Media Law and Ethics (3:3)
Pr. BCN 205 and 301, or permission of instructor
Study of media law and questions of ethics as they apply to the mass media.

441 Electronic Journalism (3:3)
Pr. BCN 271, 272, 341, 371, or permission of instructor
Study and practice of electronic news reporting skills and newscasting. Focus on writing news copy; reporting, shooting, and editing news packages; basic newscast production techniques. (FALL & SPRING)

442 Advanced Broadcast Journalism (3:2:3)
Pr. BCN 441 or permission of instructor
Weekly television newscast production. Emphasis on developing reporting, producing, and presentational skills. (SPRING)

443 Writing the Nonfiction Program (3:3)
Pr. BCN 204 and 205
Research, design, and writing of nonfiction programs such as documentary, magazine, instructional, and educational programs. Emphasis given to the development and application of writing skills.

468 Sportscasting (3:3)
Pr. BCN 203, 205, and 361, or permission of instructor
Development of announcing skills and knowledge of sports necessary for sports broadcasting including play-by-play. (ALT FALL)

470 Film Production II (3:3)
Pr. BCN 203, 205, 271, 272, 301 and 370, or permission of instructor
Further study of the camera and the creation of a 16 mm sync sound film utilizing the camera, the sound recorder, and postproduction methodologies.

471 Editing (3:3)
Pr. BCN 203, 205, 271, 272, 301, or permission of instructor
Survey of the history, aesthetics, and techniques in sequencing moving images. Laboratory experience, including digital editing.

473 Media Sound Production (3:3)
Pr. BCN 203, 205, 271, 272, 273, 301, or permission of instructor
Techniques and aesthetics of digital sound design for the moving image. (Formerly BCN 413)

490 WUAG Advanced Practicum (1–2)
- *May be repeated for credit for maximum of three (3) semester hours.*

Supervised participation at an advanced level of radio broadcasting or program production at the campus radio station WUAG.

491 Advanced CFVF Practicum (1–2)
Pr. permission of instructor
- *May be repeated for credit for maximum of three (3) semester hours.*

Supervised participation at an advanced level in the preparation for and implementation of the UNCG Carolina Film and Video Festival.

492 Broadcasting Internship (1–6)
Pr. admission to the Media Studies major; BCN 203, 205, 207 or 271 and 272, 301, and one additional production course 300 level or above (341 required for Broadcast Journalism internships), and approval by Director of Internships
- *May be repeated for credit for total of six (6) semester hours in BCN 492/494.*

Field learning experience in local broadcast media. Academic supervision provided by faculty member and direction in the field provided by job supervisor.

493 Honors Work (3–6)
Pr. permission of instructor; 3.30 GPA in the major, 12 s.h. in the major
- *May be repeated for credit if the topic of study changes.*

494 Cinema Internship (1–6)
Pr. admission to the Media Studies major; BCN 203, 205, 207 or 271 and 272, 301, and one additional production course 300 level or above, and approval by Director of Internships
- *May be repeated for credit for total of six (6) semester hours in BCN 492/494.*

Field learning experience in film industry. Academic supervision provided by faculty member and direction in the field provided by job supervisor.

496 Advanced Media Workshop (1:2)
- *Grade: Pass/Not Pass (P/NP)*
- *May be repeated for a total of three (3) semester hours.*

Leadership role in examination of aspects of broadcasting, film, and other media through screenings and by instruction of industry professionals. (FALL & SPRING)

497 Advanced Media Production Practicum (1–3:0:3–9)
- *May be repeated for a total of three (3) semester hours.*

Advanced, in-depth, hands-on exposure to the many aspects of the production and postproduction process of film and electronic visualization. (FALL & SPRING & SUMMER)

499 Senior Portfolio (1:1)
Pr. admission to Media Studies major
- *To be taken in student's last semester at UNCG prior to graduation.*
- *Grade: Pass/Not Pass (P/NP)*

Preparation of a professional portfolio, reel, or resume tape. Includes assistance in writing resumes, interviewing, and career networking. (FALL & SPRING)

Courses for Advanced Undergraduates & Graduate Students

515 Film Theory (3:3)
Pr. BCN 101, 203, 205, 301, or graduate standing, or permission of instructor

Study of the principal theories of film through the writings of critics, theorists, and directors.

524 Media Financing and Distribution (3:3)
Pr. BCN 205 and 301, or graduate standing, or permission of instructor

The processes of raising and budgeting funds and distributing film and videos for theatrical release, direct DVD/video release, or television broadcast.

525 Media Organization and Management (3:3)
Pr. BCN 101 or 102, 205, and 301, or graduate standing, or permission of instructor

Principles and practices of the organization and management of electronic media and motion pictures.

526 Actuality Genres (3:2:3)
Pr. BCN 100, 101 or 102, 203, 205, 301, or graduate standing, or permission of instructor

History and theory of reality-based genres in cinema, radio, television, and multimedia. Study of trends and significant works from the early actuality film through postmodern news docudramas.

527 The Auteur (3:2:3)
Pr. BCN 101 (film auteur) or 102 (radio or television auteur), 203, 205, 301, or graduate standing, or permission of instructor
- *May be repeated for credit.*

Works of an individual director. Subject differs from offering to offering.

528 Studies in Media Genres (3:2:3)
Pr. BCN 101 (film genre) or 102 (radio or television genre), 203, 205, 301, or graduate standing, or permission of instructor
- *May be repeated for credit.*

Technical, dramatic, social, and rhetorical dimensions of a media genre. Subject differs from offering to offering.

550 Feature Film Script Analysis (3:3)
Pr. BCN 203, 204, 205, and 350, graduate standing, or permission of the instructor

Analysis of the key structural and thematic elements of feature screenplays.

551 Writing the Feature Film I (3:3)
Pr. BCN 203, 350, and 550; and admission to appropriate degree program; or permission of instructor

Advanced study of screenwriting with emphasis on the creation of a step outline for a feature length screenplay. (FALL)

552 Writing the Feature Film II (3:3)
Pr. BCN 551

A writing workshop in which students complete the first draft and a polish of a feature-length screenplay, based on the outline from BCN 551. (SPRING)

553 Advanced Media Writing (3:3)
Pr. BCN 203, 204, and 301; or permission of instructor

Practice in television script writing with emphasis given to development of concepts and proposals for episodic television. Practice in analyzing and writing for existing television series and/or development of new programs.

580 Directing for Television (3:2:3)
Pr. BCN 203, 205, 271, 272, 301, 371, and admission to appropriate degree program; or permission of instructor

Fundamental principles of directing for television. Laboratory directing experience.

584 *UNCG Today* (3:2:3)
Pr. BCN 203, 205, 271, 272, 301, 371, and admission to the appropriate degree program, or permission of the instructor

Principles of directing for television in the context of live-to-tape studio techniques in the production of *UNCG Today*, UNCG's commercially released campus television program. (FALL & SPRING)

585 Advanced Radio-TV-Film Production (3:2:3)
Pr. BCN 203, 205, 207 or 271 and 272, 301, and admission to appropriate degree program, or permission of instructor
- *May be repeated for credit*

Advanced application of principles and techniques of radio, television, or film production.

586 Producing for *UNCG Today* (3:2:3)
Pr. BCN 580 or 584 or permission of instructor

Producing for television in the context of live-to-tape studio techniques in the creation of *UNCG Today*, UNCG's commercially released campus television program. (FALL & SPRING)

587 Animation Production (3:3)
Pr. BCN 203, 205, 271, 272, 301, and admission to appropriate degree program; or permission of instructor

Study and practice of techniques of animation.

588 Documentary Production (3:2:3)
Pr. BCN 203, 205, 271, 272, 301, 371 (443 and 526 also recommended), and admission to appropriate degree program; or permission of instructor

Documentary construction, research, planning, and production techniques. Further development of video production skills in supervised laboratory project.

Please refer to The Graduate School Bulletin *for additional graduate-level courses.*

Department of Business Administration

including Business Administration, Management, and Marketing

Bryan School of Business & Economics
366 Bryan Building
336/334-5691
www.uncg.edu/bae/badm

FACULTY
Stephen R. Lucas, Professor and Head of Department
Professors Ajami (Hayes Distinguished Professor of Business), Buttner, Lowe, Miles, Muchinsky (Bryan Distinguished Professor of Business), Tullar
Associate Professors Acquaah, Brown, Roehm, Williamson
Assistant Professors Griffiths, Kshetri, McKinney
Lecturers Beitler, Cash, Cox, Fernandes, Garrett, Hassell, Holderness, James, Joshua, McLeod, Perry
Visiting Assistant Professor McMillian

Mission Statement

The mission of the Department of Business Administration is to support the mission of the Bryan School, primarily through the imparting of knowledge through instructional programs and secondarily through the creation of knowledge through basic and applied research. A third priority is to provide service through involvement in University, professional and community activities.

The Department of Business Administration offers two majors that lead to the Bachelor of Science degree: Marketing and Business Administration. The Business Administration major is comprised of three concentrations: Business Studies, Entrepreneurship/Small Business, and Human Resources. The International Business Studies (INTB) major will be administered by the Department of Business Administration effective August 2007. A separate listing of the requirements of the major in this *Bulletin* will be continued through the 2007–08 academic year. The listing of the requirements of the INTB major in this *Bulletin* will be repositioned to the Department of Business Administration and it will become one of the Department's majors beginning in the 2008–09 academic year. Current advising procedures will continue under the new arrangement.

Business Administration Major

The objective of the Business Administration major is to provide liberally educated students with a broad exposure to the functional areas of business and a more comprehensive understanding of one of the managerial specialties through a choice of a concentration:

Business Studies is most appropriate for those who want a broad business exposure without the need to concentrate specifically in only one functional area. (A student can complete the Business Studies concentration by careful planning of the Career Profile.)

Entrepreneurship/Small Business focuses on special issues related to the organization and management of smaller enterprises, family-owned business, and entrepreneurship.

Human Resources focuses on skills and knowledge needed by the professional human resources manager: job analysis, recruiting, screening, selection, training and development, performance appraisal, job evaluation, and salary administration.

Marketing Major

The Marketing major is concerned with the development and pricing of products, selection of distribution channels, and promotion of products to consumers and businesses. This major leads to careers in sales, sales management, advertising, and retailing as well as marketing management.

Honors in Business Administration

Requirements

Twelve semester hours to consist of:

- 9 hours of Business Administration Honors and/or BADM contract honors courses, and/or MGT 493
- 3 hours of HSS 490: Senior Honors Project

Qualifications

- A grade of A or B in all course work used to satisfy the Honors requirements in Business Administration
- A declared Business Administration Major
- At least a 3.30 overall GPA at graduation

Recognition

Students who complete an Honors Program are recognized at a banquet held at the end of the spring semester. Students who complete the requirements for Disciplinary Honors receive a *Certificate of Disciplinary Honors* in [major/Interdisciplinary Studies] and have that honor, along with the title of their Senior Honors Project, noted on their official transcripts.

Honors Advisor

See Eloise McCain Hassell for further information and guidance about Honors in Business Administration.

Business Administration Major (BADM)

Degree: Bachelor of Science

Required: 122 semester hours, to include at least 36 hours at or above the 300 course level

Available Concentrations and AOS Codes:

Business Studies, U331
Entrepreneurship/Small Business, U337
Human Resources, U326

General Program Requirements

1. Formal admission to Business Administration:
   a. Successful completion of ACC 201, 202; CST 105; ECO 201, 202, 250; ENG 101 or FMS 115 or RCO 101, and ENG 102; ISM 110, 280; MAT 120[1] or 191
   b. A cumulative GPA of at least 2.0
2. Grades of C or better in courses used to meet concentration requirements
3. 122 s.h.
4. At least 50 percent of the business semester hours required for the degree must be earned at UNCG

[1]MAT 115 or 119 or 150 may be needed as prerequisites for MAT 120 depending upon math placement test score or completion of previous college math.

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
Historical Perspectives on Western Culture (GHP)	3
Natural Sciences (GNS)	6–7
one must be a laboratory course; each must have a different departmental prefix	
Department specifies courses for:	
One additional GLT, GFA, or GPR course	3
or foreign language XXX 203B (e.g., SPA 203B) or equivalent	
Mathematics (GMT)	3
MAT 120 or 191	
Reasoning and Discourse (GRD)	6
ENG 101 or FMS 115 or RCO 101, and ENG 102	
Social and Behavioral Sciences (GSB)	6
ECO 201 and 202	

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers: 3–6 s.h. (1–2 courses) of the same foreign language depending upon placement; 2–3 additional GL/GN courses, one of which must carry the GN marker

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major.** All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major.** All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III Major and Related Area Requirements

1. ACC 201, 202; BUS 105A[2]; CST 105[1]; ECO 201[1], 202[1], 250, 300[1]; ENG 101[1], 102[1]; FIN 315; ISM 110, 280; MAT 120[1] or 191[1]; MGT 301[1], 309[1], 312, 330, 491; MKT 320; SCM 302
2. Nine (9) s.h. of a foreign language; see chapter 6 for requirement details.

[1]MAT 120 or 191 fulfills GMT; ENG 101, and ENG 102 or CST 105 fulfill GRD; ECO 201 and 202 fulfill GSB; ECO 300, MGT 301, and foreign language fulfill 9–12 semester hours of GL/GN requirement; MGT 309 fulfills major WI and SI requirements; CST 105 fulfills SI requirement outside major.

[2]BUS 105 is for students entering UNCG as freshmen and must be taken during the first two semesters of enrollment. Students are encouraged to take BUS 105 during their first semester if space is available.

IV Additional Concentration Requirements

Students should select one of the concentrations listed below:

Business Studies

is comprised of 21 semester hours as approved by the Bryan School Undergraduate Student Services (BSUSS) or approved by the faculty advisor. At least 15 hours are to be at the 300-level or above. No more than 9 hours may be outside of the Department. All approved courses must address a career profile. Career profiles, planned by the BSUSS and the Department of Business Administration, are available to guide the student and the advisor. In cooperation with the student, the faculty advisor or a member of BSUSS can develop a new career profile or modify an existing career profile. Career profiles will be reviewed by the Department on an annual basis.

Entrepreneurship/Small Business

BUS 450; MGT 470; MKT 327, 403, and two of the following: MGT 313, 375, 409, 475; MKT 325, 326, 422, 424. All students pursuing the Entrepreneurship/Small Business Concentration must receive a C or better in MGT 312.

Human Resources

MGT 313, 315, 375, 475; and any two of the following: BUS 328, 450; MGT 314, 317, 318, 354, 414, 499. All students pursuing the Human Resources Concentration must receive a C or better in MGT 312.

V Electives

Electives sufficient to complete 122 total semester hours required for the degree.

Continuation Requirements

Students who have been admitted to the Business Administration Major must be in good academic standing at UNCG, must maintain at least a 2.0 cumulative GPA, and must make a grade of C or better in the course work required for their concentration.

Marketing Major (MKTG)

Degree: Bachelor of Science

Required: 122 semester hours, to include at least 36 hours at or above the 300 course level

AOS Code: U327

General Program Requirements

1. Formal admission to Marketing:
   a. Successful completion of ACC 201, 202; CST 105; ECO 201, 202, 250; ENG 101 or FMS 115 or RCO 101, and ENG 102; ISM 110, 280; MAT 120[1] or 191
   b. A cumulative GPA of at least 2.0
2. Grades of C or better in courses used to meet concentration requirements
3. 122 s.h.
4. At least 50 percent of the business semester hours required for the degree must be earned at UNCG

[1]MAT 115 or 119 or 150 may be needed as prerequisites for MAT 120 depending upon math placement test score or completion of previous college math.

I General Education Core Requirements (GEC)

See complete GEC requirements and approved course listings for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
Historical Perspectives on Western Culture (GHP)	3
Natural Sciences (GNS) one must be a laboratory course; each must have a different departmental prefix	6–7
Department specifies courses for:	
One additional GLT, GFA, or GPR course or foreign language XXX 203B (e.g., SPA 203B) or equivalent	3
Mathematics (GMT) MAT 120 or 191	3
Reasoning and Discourse (GRD) ENG 101 or FMS 115 or RCO 101, and ENG 102	6
Social and Behavioral Sciences (GSB) ECO 201 and 202	6

II General Education Marker Requirements

See details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
Four (4) courses carrying GL/GN markers: 3–6 s.h. (1–2 courses) of the same foreign language depending upon placement; 2–3 additional GL/GN courses, one of which must carry the GN marker

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major**. All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major**. All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III Major and Related Area Requirements

1. ACC 201, 202; BUS 105A[2]; CST 105[1]; ECO 201[1], 202[1], 250, 300[1]; ENG 101[1], 102[1]; FIN 315; ISM 110, 280; MAT 120[1] or 191[1]; MGT 301[1], 309[1], 312, 330, 491; MKT 320; SCM 302
2. Nine (9) s.h. of a foreign language; see Foreign Language Requirements for details.

[1]MAT 120 or 191 fulfills GMT; ENG 101, and ENG 102 or CST 105 fulfill GRD; ECO 201 and 202 fulfill GSB; ECO 300, MGT 301, and foreign language fulfill 9–12 s.h. of GL/GN requirement; MGT 309 fulfills major WI and SI requirements; CST 105 fulfills SI requirement outside major.

[2]BUS 105 is for students entering UNCG as freshmen and must be taken during the first two semesters of enrollment. Students are encouraged to take BUS 105 during their first semester if space is available.

IV Additional Requirements

MKT 422, 424, 426, 429, and any two of the following: BUS 450; MKT 325, 326, 327, 421. All students pursuing the Marketing major must receive a C or better in MKT 320.

V Electives

Electives sufficient to complete 122 total semester hours required for the degree.

Continuation Requirements

Students who have been admitted to the Marketing Major must be in good academic standing at UNCG, must maintain at least a 2.0 cumulative GPA, and must make a grade of C or better in the course work required for their major.

BUSINESS ADMINISTRATION COURSES (BUS)

Courses for Undergraduates

100 Global Business, Markets, and Society (3:3)
- *Open to freshmen and sophomores; 2.0 GPA.*

Introductory exploration of the role of business in a free market society. Introduction to basic business terminology. Examination of current business issues facing actual companies.

105A Introduction to Business Skills Development (1:2)
- *Open to first and second semester freshmen.*

Development of business skills determined by employers as critical for success. Fosters development of skills early in a student's academic career to promote success in both college and work.

105B Career Planning and Business Skills Assessment (1:1)
Pr. sophomore standing; 2.0 GPA
Pr. or coreq. ACC 201, 202; ECO 201, 202, 250; ISM 110, 280; ENG 101, 102; CST 105; MAT 115, 120
- *Course may not be repeated.*
- *Grade: Pass/Not Pass (P/NP).*

Introduction to career planning and development of business skills. Course includes exam to assess business skills development in the pre- and co-requisite courses.

110 Exploring Business Basics (6:3:9)
Pr. permission of instructor

Planned experiences and instruction to acquire skills and knowledge in regard to values, needs, and wants as well as customer service, self-assessment, problem-solving, and career planning. (FALL AND SPRING)

204 Experimental Course: Entrepreneurial Bootcamp (3:3)

Provides students, in an intensive environment, with an assessment of their entrepreneurial potential and an introduction to the business discipline needed to convert potential into a sustainable endeavor. (Offered summer '07)

205 Experimental Course: Opportunities in Entrepreneurship (3:3)

Introduction to the entrepreneurial challenges and opportunities of an entrepreneurially-driven business establishment. (Offered fall '07)

220 Field Experience in Business (3)
Pr. permission of instructor; 2.0 GPA
- *Open to all majors.*

Provides students with an early business experience. Requirements consist of a minimum of 300 hours of employment and completion of designated educational activities.

230 Applied Business Concepts (6:3:15–30)
Pr. permission of instructor; 2.0 GPA

Extension of business knowledge through on-site study of a business or organization. Includes 45 hours of classroom and professional development activities. Written assignments, reports, and/or papers required.

305 Introduction to the Business of Health-Care Management (3:3)
Pr. sophomore standing; GPA of 2.0 or above

Influence of health-care services/systems on business organizations. Issues of health-care organizations, professions, ethics, and assessment. Organizational patterns for health-care delivery and issues in financing health care.

328 Organizational Leadership (3:3)
Pr. sophomore standing; GPA of 2.0 or above

The course examines the theories and models of leadership. Environmental pressures, organizational objectives, company culture, and individual ethical standards will be examined to incorporate the situational determinants of leadership effectiveness.

413 Special Problems in Business and Marketing Education (1–3)
Pr. junior standing; permission of instructor; 2.0 GPA

Opportunity for students to work individually on a problem of special interest. Student should secure recommendation from an instructor and consult with the Division Director before registering for the course.

450 Directed Business Practice (1–4:1:3–12)
Pr. junior standing; permission of instructor; 2.0 GPA
- *Open to all majors.*

Planned work experience approved in advance by instructor. Regularly scheduled class attendance as well as reading, writing, and skill practice assignments are required.

455 Coordination of Work-Based Programs (3)
Pr. junior standing; 2.0 GPA

Philosophy, principles, strategies, techniques, and procedures for coordination of work-based programs. Emphasis on elements common to all areas of work-based programs. Review and analysis of pertinent research.

463 Business/Marketing Education Instructional Materials and Methods (3:3)
Pr. senior standing; 2.0 GPA

Analysis, planning, and evaluation of instructions in business education and marketing education, including attention to special needs groups.

465 Supervised Teaching (9)
Pr. 463; ELC 381, CUI 450, 470; 2.0 GPA

Observation, teaching under supervision, and participation in the total school and related community activities of a teacher. Full-time responsibility for at least twelve weeks.

469 Business/Marketing Education Programs: Development, Organization, and Operation (3:3)
Pr. senior standing
Emphasizes historical development and present organizational structure of business education and marketing education at the district, regional, and state levels.

493 Honors Work (3–6)
Pr. permission of instructor; 3.30 GPA in the major, 12 s.h. in the major
- *May be repeated for credit if the topic of study changes.*

497 Survey of Business and Marketing Education (3:3)
Pr. junior standing and permission of director; 2.0 GPA
Emphasis on philosophy and organization of business and marketing education programs in North Carolina, curriculum and instructional design, sources and uses of occupational information and program evaluative measures.

498 Curriculum and Classroom Organization of Business and Marketing Programs (3:3)
Pr. junior standing and permission of director; 2.0 GPA
Designed for pre-service and in-service teachers of business and marketing programs. Emphasis on curriculum development, teaching techniques, resources, facilities, and evaluation.

499 Selected Topics in Business and/or Marketing Education (1–3)
Pr. junior standing; permission of instructor; 2.0 GPA
- *May be repeated for credit if the topic of study changes.*

Study of topics of common interest to those interested in business and/or marketing education. Group discussion and study rather than independent study emphasized. Generally non-recurring topics studied.

Please refer to The Graduate School Bulletin *for graduate-level courses.*

MASTER OF BUSINESS ADMINISTRATION COURSES (MBA)

Courses for Advanced Undergraduates & Graduate Students

595 Selected Topics in Business Administration (1.5:1.5)
Pr. permission of instructor
- *May be repeated when topic varies.*

Opportunity for advanced students of Business Administration to study in depth a topic or issue of special interest.

Please refer to The Graduate School Bulletin *for additional graduate-level courses.*

MANAGEMENT COURSES (MGT)

GE Core denotes General Education Core credit; GE Marker denotes General Education Marker credit; CAR denotes College Additional Requirement credit.

Courses for Undergraduates

200 Management of Organizations (3:3)
Pr. sophomore standing; 2.0 GPA
An introduction to how managers coordinate human and material resources to achieve organizational goals. Effective management practices that can be applied to business, educational, governmental, hospital, and social service organizations.

240 Introduction to the Entrepreneurial Experience (3:3)
Pr. sophomore standing or permission of instructor; GPA of 2.0 or above.
Introduction to the entrepreneurial experience including historical perspectives, the role of entrepreneurs in supporting the economy, the entrepreneurial process, venture creation, and innovation.

301 Introduction to International Business (3:3)
GE Marker: GL
Pr. ECO 300; admission to approved program
Introduction to the environmental factors which increasingly cause businesses to become international in the scope of their activities. Nature of global business and multinational organizations analyzed.

302 International Business: Operations and Environments in Foreign Jurisdictions (4:4–6:6)
Pr. ECO 300 or permission of instructor; GPA 2.0
Study of international business environments from the managerial aspect, and of practices and principles of conducting international business from the perspective of a specific foreign country. (SUMMER)

303 Experience Business Abroad (2:2–6:6)
Pr. permission of instructor; 2.0 GPA
- *May be repeated for credit if course is taken in different country.*

Practices and principles for conducting business in foreign countries. Experiential learning in management and organizational leadership skills. Lectures/seminars by academicians and business people. Creating, organizing presenting seminars, symposia. (FALL OR SPRING OR SUMMER)

304 Current Issues in International Business (3:3)
Pr. permission of instructor; 2.0 GPA
Selected topics in international business presented by visiting faculty. Topics are related to the expertise of the instructor. (FALL OR SPRING OR SUMMER)

309 Business Communications (3:3)
Pr. junior standing and admission to approved program
- *Taught as Writing Intensive (WI) and Speaking Intensive (SI)*

Business and professional communication: job search skills; teamwork; communication technology; verbal and non-verbal strategies. Emphasizes effective persuasive, interpersonal, intercultural, and organizational strategies through business styles, formats, and presentations.

312 Human Behavior in Business Organizations (3:3)
Pr. 2.0 GPA; sophomore standing
Businesses as a generic class of organization. Relation of individual worker and manager to organization and its impact upon them. Formal and informal groups. Management from behavioral point of view. Stability and change within business organizations.

313 Human Resource Management (3:3)
Pr. grade of C or better in MGT 312; admission to approved program; or permission of instructor
An analysis of how human resources contribute to organizational performance, and the management of those human resources including recruitment, selection, compensation, training and development, performance, appraisal, and union/management relations.

314 Industrial and Organizational Psychology (3:3)
Pr. grade of C or better in MGT 312; admission to approved program
Introduction to industrial and organizational psychology with special emphasis on employee motivation, selection, training, and organizational determinants of employee behavior. (FALL) (Same as PSY 314.)

315 Selection and Compensation (3:3)
Pr. grade of C or better in MGT 312; MGT 313 or permission of instructor; admission to approved program
Selection theory and the uses of assessment devices. Principles of compensation and job evaluation. Market surveys and their effects on pay structure. (SPRING)

317 Training and Development in Organizations (3:3)
Pr. grade of C or better in MGT 312; admission to approved program
Principles of training and development. Training needs, assessment, training solutions to organization problems, skill training, different training options, and ways of integrating new behavior and attitudes into the organizational system.

318 Organizational Change and Development (3:3)
Pr. grade of C or better in MGT 312; junior standing; admission to approved program
Introduction to the professional practice of OCD. Topics include overcoming resistance to change, the consultant/client relationship, diagnosis of organizational problems, and interventions used by internal and external OCD consultants.

330 The Legal Environment of Business (3:3)
Pr. GPA 2.0 or above
Survey of the legal, political, and ethical environment in which business decisions are made. Antitrust, employment, and consumer laws included. Federal, state, and international laws covered.

331 Legal Aspects of Business Transactions (3:3)
Pr. admission to B.S. Accounting program
Subjects covered include court systems, contract and sales law, professional ethics, business political activities, Antitrust laws, international laws, and other matters of public policy.

332 Legal Aspects of Management (3:3)
Pr. MGT 330 or 331; admission to approved program, or permission of instructor
Securities regulations, negotiable instruments law, and debtor and creditor rights included. Also covered are legal relationships-partnerships, corporations, and principal-agency.

354 Managing Diversity in Organizations (3:3)
Pr. junior standing; GPA 2.0 or above
Explores diversity in the workplace. Diversity is defined, examined, and discussed as opportunities for companies to discover and appreciate differences while developing more effective organizations.

375 Management Process Skills (3:3)
Pr. grade of C or better in MGT 312; admission to approved program
Practical application of management theory. Processes for performing the basic management functions of decision making, planning, organizing, leading, and controlling. Application of the processes to management cases.

409 Advanced Business Communication (3:3)
Pr. MGT 309 or permission of instructor
Study of advanced business communication situations, including persuasive messages, crisis management, cross-cultural business communication, effective work team interaction, effective virtual communication. Attention to the technology that supports business communication.

414 Human Resource Information Systems (3:3)
Pr. MGT 313 or ISM 301; admission to approved program
Application of ERP systems to managing human resource information. Topics include SAP, job analysis/evaluation; human resource planning, recruiting, screening, selection, training; employee development, performance appraisal, compensation, benefits.

470 Entrepreneurship/Small Business Management (3:3)
Pr. grade of C or better in MGT 312; MKT 320, FIN 315, SCM 302; admission to approved program
Application of management principles to small business organizations. How to start a new enterprise. Requirements for successful operation of a small business. (FALL)

475 Employment and Human Resource Law (3:3)
Pr. junior standing; grade of at least C in MGT 312; MGT 330 or permission of instructor; admission to approved program
National Labor Relations Act, Fair Labor Standards Act (including equal employment), and other statutes and court decisions relating to employment relations and their effect on managerial practices. (SPRING)

491 Business Policy and Strategy (3:3)
Pr. MGT 301, 309, 312, 330; MKT 320; FIN 315; ISM 280; SCM 302; senior standing; admission to approved program
Capstone case course in top management policy and strategy determination. Students learn to integrate various business functions and to develop skills and judgment in solving problems of the organization as a total system in relation to its environment.

493 Honors Work (3–6)
Pr. permission of instructor; 3.30 GPA in the major, 12 s.h. in the major
- *May be repeated for credit if the topic of study changes.*

499 Problems in Management (3:3)
Pr. senior majors; permission of instructor
- *May be repeated for credit with approval of department head.*

Independent study, research, and class discussion covering a topic or group of related topics of current interest in theory or policy of the business enterprise. Topics vary from semester to semester.

Please refer to The Graduate School Bulletin *for graduate-level courses.*

MARKETING COURSES (MKT)

Courses for Undergraduates

320 Principles of Marketing (3:3)
Pr. ISM 110, MAT 115, ECO 201, ACC 201, and CST 105; 2.0 GPA; or admission to Bryan School approved program
Introduction to marketing with an emphasis on market segmentation, targeting, and positioning for consumer and business markets in domestic and international economics.

325 E-commerce in Marketing (3:3)
Pr. grade of C or better in MKT 320; admission to a program of study in the Bryan School

Introduction to e-commerce. Online and offline assignments, lectures, in-class group projects, case analyses, discussions and presentations.

326 Introduction to Retailing (3:3)
Pr. grade of C or better in MKT 320; junior standing; admission to approved program

Introductory course in the fundamentals of store organization, management, and merchandising.

327 Selling and Sales Management (3:3)
Pr. grade of C or better in MKT 320; junior standing; admission to approved program

Problems in selling and sales management are dealt with from the strategic marketing perspective. The sales management process is addressed from the perspective of the profit-maximizing allocation of resources of the firm.

403 Marketing for Small Firms (3:3)
Pr. grade of C or better in MGT 312 or MKT 320; senior standing; admission to approved program

Focuses on marketing strategy, planning, and tactics for small firms. Addresses general marketing issues and specific "real world" marketing problems. Small firms serve as clients for student consulting teams. (SPRING)

408 Operating Problems in Retailing (3:3)
Pr. MKT 326 and 327; junior standing; admission to approved program

Examination and evaluation of politics and practices in retailing, with emphasis on advertising and its economic significance.

418 Advanced Merchandising (3:3)
Pr. MKT 326 and 327; junior standing; admission to approved program

Merchandising policies, buying, stock planning and control, and merchandise pricing in modern retail stores.

421 Promotion Management (3:3)
Pr. grade of C or better in MKT 320; admission to approved program

Promotion process and decision criteria for making promotion management decisions. Emphasis on behavioral and communicative aspects of advertising, personal sales, and other promotional tools from a management decision-making viewpoint.

422 Fundamentals of Marketing Research (3:3)
Pr. ECO 250, grade of C or better in MKT 320; admission to approved program

Marketing information systems, sampling theory, experimental design, psychological scaling techniques, longitudinal analysis. Particular attention to assumption structure underlying each technique. Case studies and problem approach. Student develops programs of action on basis of marketing research results.

424 Consumer Behavior (3:3)
Pr. grade of C or better in MKT 320; junior standing; admission to approved program

Psychological and socioeconomic factors affecting consumer motivation, behavior, and buying decisions. Emphasis on current research on, and theory about, behavior of consumers as individuals and as members of socioeconomic groups.

426 International Marketing (3:3)
Pr. grade of C or better in MKT 320; admission to approved program

Issues in international marketing are addressed from both theoretical and experiential learning perspectives. A comprehensive team-based project involves the intensive use of the Internet in accessing electronic databases.

429 Advanced Marketing Management (3:3)
Pr. MKT 422 and 424, or permission of instructor

Advanced analysis and decision-making techniques in marketing. Emphasis on strategic view. Major group project involves working with organizations to develop and present an actual marketing plan. (Formerly MKT 321)

493 Honors Work (3–6)
Pr. permission of instructor; 3.30 GPA in the major, 12 s.h. in the major
- *May be repeated for credit if the topic of study changes.*

Department of Chemistry and Biochemistry

College of Arts & Sciences

435 Science Building
336/334-5714
www.uncg.edu/che

FACULTY
Patricia Reggio, Professor and Head of Department
Professors Bowen, Nile, Walsh
Associate Professors Banks, Cech, Haddy, Raner
Assistant Professors Chiu, Dawson, Duffy, Mazlo, Reddick
Lecturers Burnes, Linebarrier, Reitz
Laboratory Assistants Barber, Katsikas

The Department of Chemistry and Biochemistry offers five undergraduate programs: the Bachelor of Science in Chemistry, the Bachelor of Science in Biochemistry, the Bachelor of Science in Chemistry with a Concentration in Biochemistry, the Bachelor of Science with a Concentration in Research, and the Bachelor of Arts in Chemistry. A licensure program to prepare students to teach high school chemistry is offered. The Master of Science (M.S.) is offered at the graduate level (see *The Graduate School Bulletin*). A Master's degree with a Chemistry Education concentration is also offered through the Department of Curriculum and Instruction. Students who follow the program leading to the Bachelor of Science in Chemistry degrees are certified to the American Chemical Society as having met its rigorous requirements for undergraduate professional training in chemistry.

The Department's biochemistry programs (B.S. in Biochemistry and B.S. in Chemistry with Concentration in Biochemistry) provide students with excellent preparation for graduate work in biochemistry and related life sciences, as well as for employment in chemical and biotechnological industries. These programs are also attractive to students planning careers in the health professions.

One of the features of our undergraduate program which we particularly emphasize is the opportunity for students to engage in undergraduate research. Many of our majors do so, principally in their junior and senior years, and this provides excellent training for those who intend to continue their studies at the graduate level.

Chemistry Major (CHEM)

Degree: Bachelor of Arts

Required: 122 semester hours, to include at least 36 hours at or above the 300 course level

AOS Code: U121

The **Chemistry Major (B.A.)**, while less specialized than the B.S. program, provides sound training in chemistry. It offers fine preparation for those planning to enter medicine or dentistry, secondary school teaching, or various vocations within the chemical industry. In fact, by electing some additional courses in chemistry beyond the minimum required, the student may prepare for graduate work under this program as well as under the B.S. While this program allows a more flexible arrangement of schedules, the student should work closely with a chemistry advisor to be certain that the proper sequence of chemistry and related area courses is taken with regard to the prerequisites.

REQUIREMENTS

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
Historical Perspectives on Western Culture (GHP)	3
Reasoning and Discourse (GRD)	6
ENG 101 or FMS 115 or RCO 101, and one additional GRD course	
Social and Behavioral Sciences (GSB)	6
Department specifies courses for:	
Mathematics (GMT)	3
required: MAT 191	
Natural Sciences (GNS)	7
required: CHE 111 and 112, and PHY 211 or 291	

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers; at least one course must carry the GN marker

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major**. All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major**. All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III College of Arts and Sciences Additional Requirements (CAR)

See pp. 89–91 for requirements and approved courses.

Historical Perspectives on Western Culture	3
either a GHP/GPM or GMO course	
Humanities and Fine Arts	3
one additional Literature (GLT) course	
Natural Sciences	3–4
any GLS course	
Social and Behavioral Sciences (GSB)	3
one additional GSB course	
Foreign Language (GFL)	0–12
intermediate-level proficiency in one language, demonstrated by placement test, or completion of course work through course number 204	
Writing Intensive Courses (WI)	
a total of four WI courses	

IV Major Requirements

1. CHE 111*, 112*, 114, 115, 242, 331, 333, 351, 352, 354, 372, 401 (audit), 402, 406 or 461
2. Two courses from among: CHE 420 or (556 and 557, which counts as one course), 442, 481, 531, 536, 553

Only major requirement and related area requirement courses in which grades of C- or better are earned will be counted toward the major. Students must earn a C- or better in prerequisite major requirement and related area requirement courses before advancing to subsequent courses.

V Related Area Requirements

1. MAT 191*, 292
2. PHY 211*, 212 or PHY 291*, 292

Only major requirement and related area requirement courses in which grades of C- or better are earned will be counted toward the major. Students must earn a C- or better in prerequisite major requirement and related area requirement courses before advancing to subsequent courses.

**MAT 191 satisfies GMT; CHE 111, 112 and PHY 211 or PHY 291 satisfy GNS.*

VI Electives

Electives should be sufficient to complete the 122 semester hours required for the degree. Additional advanced courses in mathematics are advised. CST 105 is recommended as a GRD requirement. Additional chemistry courses above the 100 level may be taken.

Chemistry Major (CHEM)

Degree: Bachelor of Science

Required: 122 semester hours, to include at least 36 hours at or above the 300 course level

Available Concentrations and AOS Codes:

Chemistry, U123
Chemistry Research, U168
Biochemistry, U124

The **Chemistry Major (B.S.)** differs from the B.A. in requiring additional advanced courses in chemistry and/or related sciences. It provides very thorough undergraduate training in chemistry and an excellent background for students planning to undertake graduate work or to enter the chemical industry. Students who complete this program will be certified to the American Chemical Society upon graduation as having fulfilled the Society's requirements for undergraduate professional training. The sequence in which the required courses are taken is important, and the student should work closely with a chemistry advisor in planning a schedule.

The concentration in **Chemistry Research** offers students the option to specialize in research and be exposed to four years of research. The concentration is designed to prepare students for graduate training in chemistry, biochemistry, medicine, and related professions or for employment in chemistry, biochemistry, or related industries. The exposure to research will build strong research, communication, and leadership skills. Such skills are in great demand.

The concentration in **Biochemistry** offers students the option to specialize in biochemistry within the curriculum leading to the B.S. in Chemistry. This concentration is designed to prepare students for graduate training in biochemistry, medicine, and related professions, or for employment in biochemistry or biotechnology related industries. The sequence in which the required courses are taken is important, and the student should work closely with a chemistry advisor in planning a schedule.

REQUIREMENTS

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
Historical Perspectives on Western Culture (GHP)	3
Reasoning and Discourse (GRD)	6
ENG 101 or FMS 115 or RCO 101, and one additional GRD course	
Social and Behavioral Sciences (GSB)	6
Department specifies courses for:	
Mathematics (GMT)	3
required: MAT 191	
Natural Sciences (GNS)	7
required: CHE 111 and 112, and PHY 291	
students in the Chemistry Research concentration may also choose PHY 211	

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers; at least one course must carry the GN marker

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major.** All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major.** All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III College of Arts and Sciences Additional Requirements (CAR)

See pp. 89–91 for requirements and approved courses.

Historical Perspectives on Western Culture	3
either a GHP/GPM or GMO course	
Humanities and Fine Arts	3
one additional Literature (GLT) course	
Natural Sciences	3–4
any GLS course	
Social and Behavioral Sciences (GSB)	3
one additional GSB course	
Foreign Language (GFL)	0–12
intermediate-level proficiency in one language, demonstrated by placement test, or completion of course work through course number 204	
Writing Intensive Courses (WI)	
a total of four WI courses	

IV Major Requirements

Chemistry Concentration

CHE 111*, 112*, 114, 115, 242, 331, 333, 351, 352, 354, 372, 401 (audit), 402, 420 or (556 and 557 which counts as one course), 442, 461, 462, 463, 464, 481, 531, 533

Only major requirement and related area requirement courses in which grades of C- or better are earned will be counted toward the major. Students must earn a C- or better in prerequisite major requirement and related area requirement courses before advancing to subsequent courses.

Chemistry Research Concentration

1. CHE 111*, 114, 191, 192, 242, 291, 292, 331, 333, 351, 352, 354, 372, 391, 392, 401 (audit), 402, 406 or 461, 491, 492
2. Two courses from among: CHE 420 or 556 and 557 (which count as one course), 442, 481, 531, 553

Only major requirement and related area requirement courses in which grades of C- or better are earned will be counted toward the major. Students must earn a C- or better in prerequisite major requirement and related area requirement courses before advancing to subsequent courses.

Biochemistry Concentration

CHE 111*, 112*, 114, 115, 242, 331, 333, 351, 352, 354, 372, 401 (audit), 402, 461, 462, 463, 531, 533, 556, 557, 558

Only major requirement and related area requirement courses in which grades of C- or better are earned will be counted toward the concentration. Students must earn a C- or better in prerequisite major requirement and related area requirement courses before advancing to subsequent courses.

V Related Area Requirements

Chemistry Concentration

1. MAT 191*, 292, 293
2. PHY 291*, 292
3. At least one course selected from: CHE 490, 491, 492, (minimum of 2 s.h. total for any combination of 491 and 492 count as one course), 493, 536, 553, 555, 570 (minimum 2 s.h. total for any combination of CHE 570 courses, counts as one course); BIO 355, 392, 477, 479, 506; CSC 230, 322, 330, 339, 523, 524; MAT 310, 311, 345, 390, 394, 395; PHY 321, 323, 325, 327, 412, 413, 421, 426

Only major requirement and related area requirement courses in which grades of C- or better are earned will be counted toward the major. Students must earn a C- or better in prerequisite major requirement and related area requirement courses before advancing to subsequent courses.

Chemistry Research Concentration

1. MAT 191*, 292
2. PHY 211*, 212 or PHY 291*, 292

Only major requirement and related area requirement courses in which grades of C- or better are earned will be counted toward the major. Students must earn a C- or better in prerequisite major requirement and related area requirement courses before advancing to subsequent courses.

**MAT 191 satisfies GMT; CHE 111, 112 and PHY 211 and 291 satisfy GNS.*

Biochemistry Concentration

1. Advanced biochemistry: 3–4 credits from CHE 491 or 492
2. BIO 111*, 112, 392
3. MAT 191*, 292
4. PHY 291*, 292

Only major requirement and related area requirement courses in which grades of C- or better are earned will be counted toward the concentration. Students must earn a C- or better in prerequisite major requirement and related area requirement courses before advancing to subsequent courses.

**MAT 191 satisfies GMT; CHE 111, 112 and PHY 291 satisfy GNS; BIO 111 satisfies CAR GLS.*

VI Electives

Chemistry Concentration

Electives should be sufficient to complete the 122 semester hours required for the degree. Additional advanced mathematics courses are advised. Additional chemistry courses above the 100 level may be taken. CST 105, which fulfills the GRD requirement, is also recommended.

Chemistry Research Concentration

Electives should be sufficient to complete the 122 semester hours required for the degree. Additional advanced mathematics courses are advised. CST 105, which fulfills the GRD requirement, is recommended.

Biochemistry Concentration

Electives should be sufficient to complete the 122 semester hours required for the degree. One additional advanced biology course (e.g., BIO 355 or 481) is strongly recommended. CST 105, which fulfills the GRD requirement, is recommended.

Biochemistry Major (BCHE)

Degree: Bachelor of Science

Required: 122 semester hours, to include at least 36 hours at or above the 300 course level

AOS Code: U860

The **Biochemistry Major (B.S.)** is designed to prepare students for graduate training in the biochemical sciences, medicine, and other health professions, or for employment in biotechnology, pharmaceutical, and chemical industries. Students who complete the Bachelor of Science in Biochemistry will meet all or most of the academic requirements for admission to medical, dental, veterinary, or pharmacy schools.

The curriculum involves a solid foundation of Chemistry and Biology courses, along with core and advanced elective courses in Biochemistry. Undergraduate research is encouraged, and students may collaborate with participating faculty from a variety of departments (Chemistry, Biology, Nutrition, Physics, and Exercise and Sport Science).

This program follows the biochemistry curriculum recommendations of the American Society of Biochemists and Molecular Biologists.

REQUIREMENTS

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
Historical Perspectives on Western Culture (GHP)	3
Reasoning and Discourse (GRD)	6
ENG 101 or FMS 115 or RCO 101, and one additional GRD course	
Social and Behavioral Sciences (GSB)	6
Department specifies courses for:	
Mathematics (GMT)	3
required: MAT 191	
Natural Sciences (GNS)	7
required: CHE 111 and 112, and PHY 211 or 291	

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers; at least one course must carry the GN marker

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major.** All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major.** All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III College of Arts and Sciences Additional Requirements (CAR)

See pp. 89–91 for requirements and approved courses.

Historical Perspectives on Western Culture	3
either a GHP/GPM or GMO course	
Humanities and Fine Arts	3
one additional Literature (GLT) course	
Natural Sciences	3–4
required: BIO 111	
Social and Behavioral Sciences (GSB)	3
one additional GSB course	
Foreign Language (GFL)	0–12
intermediate-level proficiency in one language, demonstrated by placement test, or completion of course work through course number 204	
Writing Intensive Courses (WI)	
a total of four WI courses	

IV Major Requirements

CHE 111*, 112*, 114, 115, 242, 331, 333, 351, 352, 354, 372, 401 (audit), 402, 406, 463, 556, 557, 558

Only major requirement and related area requirement courses in which grades of C- or better are earned will be counted toward the major. Students must earn a C- or better in prerequisite major requirement and related area requirement courses before advancing to subsequent courses.

V Related Area Requirements

1. MAT 191*, 292
2. BIO 111 and 112, and either BIO 392, 393 (lab), or BIO 355, 356 (lab)
3. PHY 211*, 212 or 291*, 292
4. Advanced Biochemistry Elective or Independent Study (3–4 s.h.)—CHE 570B or BIO 494, or one of the following independent study courses: CHE 491, 492; BIO 499; ESS 475; NTR 427; PHY 495
5. Advanced Biological Science Elective (3–4 s.h.)—one or more of the following: BIO 277, 424, 464, 477, 479, 481, 494 strongly recommended (if not used as Advanced Biochemistry elective), 578, 583, 584, 595, 596; PHY 543

Only major requirement and related area requirement courses in which grades of C- or better are earned will be counted toward the major. Students must earn a C- or better in prerequisite major requirement and related area requirement courses before advancing to subsequent courses.

**MAT 191 satisfies GMT; CHE 111, 112 and PHY 211 or 291 satisfy GNS.*

VI Electives

Electives should be sufficient to complete the 122 semester hours required for the degree. Additional advanced courses in Chemistry and Biology are recommended. CST 105, which fulfills the GRD requirement, is recommended.

Chemistry Minor

Required: minimum of 19 semester hours

AOS Code: U121

A student may earn a minor in chemistry by completing a minimum of 19 semester hours in chemistry including CHE 114, 115 and eight (8) hours at the 300 level, with no more than eight (8) hours from introductory-level courses (CHE 101, 103, 104, 110, 111, 112, 114, 115.)

Chemistry Major with Secondary Subject-Area Teacher Licensure (CHEM)

B.A. in Chemistry with Standard Professional I License, U125

B.S. in Chemistry with Standard Professional I License, U126

REQUIREMENTS

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	6
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
Historical Perspectives on Western Culture (GHP)	3
Reasoning and Discourse (GRD)	6
ENG 101 or FMS 115 or RCO 101, and one additional GRD course	
Department specifies courses for:	
Mathematics (GMT)	3
required: MAT 191	
Natural Sciences (GNS)	7
required: CHE 111 and 112, and GEO 103	
Social and Behavioral Sciences (GSB)	6
required: HEA 201 and PSY 121	

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers; at least one course must carry the GN marker

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major.** All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major.** All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III College of Arts and Sciences Additional Requirements (CAR)

See pp. 89–91 for requirements and approved courses.

Historical Perspectives on Western Culture 3
either a GHP/GPM or GMO course

Natural Sciences 4
required: BIO 111

Social and Behavioral Sciences (GSB) 3
one additional GSB course

Foreign Language (GFL) 0–12
intermediate-level proficiency in one language, demonstrated by placement test, or completion of course work through course number 204

Writing Intensive Courses (WI)
a total of four WI courses

IV Major Requirements

Completion of major requirements for either the B.A. in Chemistry or B.S. in Chemistry.

Additional requirements for teacher licensure, beyond the Chemistry Major requirements, are listed under **Teacher Education Programs**. In addition, students must take 6–8 credits in biology and/or earth science chosen from the following:

1. BIO 111*, 112
2. GEO 103* and one or more of GEO 111, 205, 311, 314. CHE 252 is also recommended.

**BIO 111 satisfies CAR GLS; CHE 111 & 112 and GEO 103 satisfy GNS.*

V Related Area Requirements

(See **Teacher Education** for full explanation.)

1. General Education Requirements as identified within each major
2. HEA 201* Personal Health
3. ELC 381 The Institution of Education
4. CUI 545 Diverse Learners
5. CUI 450 Psychological Foundations of Education
6. CUI 465 Student Teaching and Seminar: Secondary School
7. CUI 470 Reading Education
8. CUI 559 Teaching Practices and Curriculum in Science

**HEA 201 satisfies GSB.*

Accelerated Master's Programs for Chemistry Majors

Interested students should see **Accelerated Master's Programs for Undergraduates** for details about the B.A. in Chemistry/M.B.A. and B.S. in Chemistry/M.S. in Chemistry program requirements.

CHEMISTRY COURSES (CHE)

GE Core denotes General Education Core credit; GE Marker denotes General Education Marker credit; CAR denotes College Additional Requirement credit.

Courses For Undergraduates

101 Introductory Chemistry (3:3)
GE Core: GNS CAR: GPS
- *For elementary education, business, and liberal arts majors.*
- *Students cannot receive credit for both 101 and either 111 or 103.*
- *CHE 110 is recommended as corequisite.*

Survey of fundamentals of measurement, molecular structure, reactivity, and organic chemistry; applications to textiles, environmental, consumer, biological, and drug chemistry. (FALL & SPRING & SUMMER) (Formerly CHE 106)

103 General Descriptive Chemistry I (3:3)
GE Core: GNS CAR: GPS
Coreq. CHE 110 must be taken concurrently unless student takes CHE 104 or CHE 111 later
- *Not open to students who have already taken CHE 111.*

Introductory course for students whose programs require only one year of college chemistry. Among the topics introduced are states of matter, atomic and molecular structure, nuclear chemistry, stoichiometry, and solutions. (FALL)

104 General Descriptive Chemistry II (3:3)
GE Core: GNS CAR: GPS
Pr. 103 or permission of instructor
Coreq. CHE 110 must be taken concurrently unless taken with CHE 103.

Applications of the principles introduced in 103 to representative inorganic, organic, and biological systems. Topics include equilibrium, acid-base chemistry, and introductory organic and biochemical concepts. (SPRING)

110 Introductory Chemistry Laboratory (1:0:3)
GE Core: GNS CAR: GPS
Coreq. To be taken concurrently with either CHE 103 or 104. Also may accompany CHE 101.

Designed to acquaint non-science majors with basic laboratory practices. (FALL & SPRING)

111 General Chemistry I (3:3)
GE Core: GNS CAR: GPS
Pr. one year of high school chemistry or 103; students lacking high school chemistry should take the sequence CHE 103, 111, 114
Coreq. 112

Fundamental principles of chemistry, including stoichiometry, atomic structure, and states of matter. (FALL & SPRING)

112 General Chemistry I Laboratory (1:0:3)
GE Core: GNS CAR: GPS
Coreq. CHE 111

Laboratory work to accompany 111. (FALL & SPRING)

114 General Chemistry II (3:3)
GE Core: GNS CAR: GPS
Pr. CHE 103, 104, and 110 with performance in each at the B level or higher, or 111, 112
Coreq. CHE 115
- *Designed primarily for science majors and is the prerequisite to upper level courses in chemistry.*

Continuation of 111 with attention to ionic equilibria, elementary kinetics and thermodynamics, acid-base theory, coordination chemistry, and electrochemistry. (FALL & SPRING)

115 General Chemistry II Laboratory (1:0:3)
GE Core: GNS CAR: GPS
Pr. 112 or equivalent
Coreq. 114

Laboratory work to accompany 114. Includes semi-micro qualitative analysis and ionic equilibria experiments. (FALL & SPRING)

191 Introduction to Research (1:0:3)
Pr. CHE 111 and 112
Coreq. CHE 114

Introduction to the basic concepts of research, involving multistep experiments and discussion of research opportunities. (FALL & SPRING & SUMMER)

205 Introductory Organic Chemistry (3:3)
Pr. 104, 110; or 114, 115
Coreq. 206
- *Students cannot receive credit for both 205 and 351.*

A course in organic chemistry designed for students whose programs require only one semester in this area. (FALL)

206 Introductory Organic Chemistry Laboratory (1:0:3)
Coreq. 205

Laboratory work to accompany 205. (FALL)

242 Inorganic Chemistry (2:2)
Pr. 114, 115

Introduction to descriptive inorganic chemistry, including oxidation-reduction, electrochemistry, acid-base, and coordination chemistry. (FALL)

252 Chemistry and the Human Environment (3:3)
Pr. CHE 101, 104, or 114 or permission of instructor

Study of chemical problems central to current technological, biomedical, and environmental issues. Topics include energy alternatives, food chemicals, environmental chemistry, molecular basis of drug action, and consumer products. (SPRING)

291, 292 Sophomore Research (1–3:0:3–9), (1–3:0:3–9)
Pr. CHE 114 and 115
- *Each course may be repeated for credit for up to three (3) credits.*

Sophomore-level research in chemistry and biochemistry. Participation in a research project directed by a faculty supervisor. (291—FALL & SUMMER I; 292—SPRING & SUMMER II)

331 Quantitative Analysis (3:3)
Pr. 114, 115
Coreq. All students must take 333 concurrently unless they have previous credit for an equivalent course.

Introduction to the theory and practice of volumetric and gravimetric methods of analysis. (FALL)

333 Quantitative Analysis Laboratory (1:0:4)
Coreq. 331 must be taken concurrently.

Laboratory work to accompany 331. (FALL)

351 Organic Chemistry I (4:4)
Pr. 114, 115

Chemistry of aliphatic and aromatic compounds with attention to reaction mechanisms and synthetic applications, and the application of spectroscopy to structure determination. (FALL)

352 Organic Chemistry II (3:3)
Pr. 351
Coreq. All students must take 354 concurrently unless they have previous credit for an equivalent course.

Continuation of 351 with attention to alcohols, ethers, aldehydes and ketones, carboxylic acids and derivatives, amines, lipids, carbohydrates, and organic spectroscopy. (SPRING)

354 Organic Chemistry II Laboratory (1:0:4)
Coreq. 352 must be taken concurrently.

Laboratory work to accompany 352. Includes basic techniques of organic laboratory practice plus preparations involving representative reactions. (SPRING)

372 Introduction to Laboratory Methods (2:2)
Pr. 205 or 351

An introduction to the practical skills of laboratory work, to include safe handling and disposal of chemicals, laboratory practice and equipment, data handling, chemical literature, and searching for chemical information. (SPRING)

391, 392 Junior Research (1–3:0:3–9), (1–3:0:3–9)
Pr. CHE 352 and 354 or CHE 331 and 333 and permission of instructor
- *Each course may be repeated for credit for up to three (3) credits.*

Junior-level research in chemistry and biochemistry. Participation in a research project directed by a faculty supervisor. (391—FALL & SUMMER I; 392—SPRING & SUMMER II)

401 Chemistry Seminar Introduction (0:0)
Pr. 372, senior standing
- *Students audit 401 and receive credit for 402.*

Preparation for seminar. Introduction to the selection of seminar topics and seminar presentation techniques. Attendance at weekly seminars required. (FALL & SPRING)

402 Chemistry Seminar (1:1)
Pr. 401
- *Students audit 401 and receive credit for 402.*

Oral reports and discussion of topics from the current chemistry by students, staff, and guest lecturers. Attendance at weekly seminars is required. (FALL & SPRING)

405 Experimental Course: Nutritional Biochemistry (3:3)
Pr. CHE 205 and 206

Introduction to biological molecules; metabolism; genetic control of metabolism. (Offered spring '07 and spring '08)

406 Introductory Physical Chemistry (4:4)
Pr. two semesters of chemistry beyond general chemistry, MAT 292, one year of physics
- *Students cannot receive credit for both 406 and 461 toward an undergraduate degree*

Study of the concepts basic to chemical kinetics, equilibrium, energetics, spectroscopy, solution phenomena, electrochemistry, and colloidal behavior with applications to biological systems. Theory of methods and instrumentation also examined. (FALL) (Formerly CHE 506)

420 Chemical Principles of Biochemistry (3:3)
Pr. 352; BIO 111–112 strongly recommended
Introduction to major classes of biomolecules and to genetic and metabolic pathways in living systems; emphasis on chemical nature of biological processes and the driving forces that make them work. (FALL)

442 Advanced Inorganic Chemistry I (3:3)
Pr. 242, 406 or 461
Coreq. 406 or 461 may be taken concurrently.
Modern concepts of chemical bonding and its application to inorganic reactions and periodic relationships. (SPRING)

461 Physical Chemistry I (4:4)
Pr. MAT 292 and PHY 292
- *Students cannot receive credit for both 461 and 406 toward an undergraduate degree.*

Chemical thermodynamics and equilibrium processes covered, including phase equilibria, thermodynamics of solutions, kinetics, and electrochemistry. (FALL)

462 Physical Chemistry II (3:3)
Pr. 461
Subject material deals with microscopic world including introductions to quantum mechanics, molecular spectroscopy, and statistical mechanics. (SPRING)

463 Physical Chemistry I Laboratory (1:0:4)
Pr. 331, 333
Coreq. 406 or 461
Laboratory work related to 461 with emphasis on mathematical treatment of experimental data and communication of results in report form. (FALL)

464 Physical Chemistry II Laboratory (1:0:4)
Pr. 461, 463
Coreq. 462
Additional laboratory work primarily in kinetics and the determination of molecular structure. This is a writing emphasis course. (SPRING)

481 Synthetic Techniques (2:0:8)
Pr. 242, 352, 354, 372
Theoretical discussion and laboratory practice in modern methods of synthesis in the areas of organic and inorganic chemistry. Emphasis given to regions of overlap such as organometallic chemistry. (FALL)

490 Internship in Chemistry and Biochemistry (3:0:12)
Pr. 333 or 354; junior status; overall GPA of 3.0 or better; and permission of instructor
Practical experience in local industrial setting. Includes biweekly meeting with Departmental internship coordinator. Students must complete 12 hours a week at an internship site. (FALL & SPRING & SUMMER)

491, 492 Senior Research (1–3:0:3–9), (1–3:0:3–9)
Pr. three (3) years of chemistry or biochemistry and permission of instructor
- *May be repeated for credit for a maximum of three (3) credits.*

Senior-level research in chemistry and biochemistry. Participation in a research project directed by a faculty supervisor. (491—FALL & SUMMER I; 492—SPRING & SUMMER II)

493 Honors Work (3–6)
Pr. permission of instructor; 3.30 GPA in the major, 12 s.h. in the major
- *May be repeated for credit if the topic of study changes.*

499 Senior Thesis (2:0:8)
Pr. completion of six (6) semesters of undergraduate research
Preparation of a thesis based on a student's undergraduate research. (FALL & SPRING & SUMMER)

Courses for Advanced Undergraduates & Graduate Students

531 Instrumental Analysis (3:3)
Pr. 331, 333, 205 or 352 (either may be taken concurrently), PHY 212 or 292
Theory and practice of advanced analytical techniques with emphasis on instrumental methods of analysis. (SPRING)

533 Instrumental Analysis Laboratory (1:0:4)
Coreq. 531 must be taken concurrently.
Laboratory work to accompany 531. (SPRING)

536 Computational Chemistry (3:2:3)
Pr. CHE 352, MAT 291, PHY 212 or 292 or permission of instructor
Survey of modern computational chemistry methods, including molecular mechanics, molecular dynamics simulations, conformational searching, and computational quantum mechanics. (SPRING)

553 Advanced Organic Chemistry I (3:3)
Pr. 352
Advanced topics in organic chemistry with special emphasis on reaction mechanisms and stereochemistry. (FALL)

555 Organometallic Chemistry (2:2)
Pr. 352, 442
Theoretical and synthetic aspects of organometallic chemistry and applications to catalysis and synthetic organic chemistry. (SPRING)

556 Biochemistry I (3:3)
Pr. 352, BIO 111–112
Introductory biochemistry presented from a chemical perspective. Topics include amino acids, proteins and enzymes, carbohydrates, nucleic acids, lipids, membranes, and carbohydrate catabolism. (FALL)

557 Biochemistry II (3:3)
Pr. 352, 556, BIO 111–112, or permission of instructor
Continuation of CHE 556. Enzyme catalytic mechanisms, additional topics in intermediary metabolism, genetic biochemistry, and selected topics in molecular physiology. (SPRING)

558 Biochemistry Laboratory (1:0:4)
Pr. 556 or equivalent, 354, 333, or permission of instructor
Introduction to biochemical techniques, including isolation, purification and characterization of biological molecules. (SPRING)

570 Special Topics in Chemistry (1–3)
Pr. permission of instructor
- *May be repeated for a maximum of six (6) semester hours when topic varies.*
- *Hours per week and credit to be arranged.*

Study in special areas of chemistry as listed below. Areas identified as follows: 570A, Analytical; 570B, Biochemistry; 570C, Inorganic; 570D, Organic; 570E, Physical; 570F, Chemical Education.

Please refer to The Graduate School Bulletin *for additional graduate-level courses.*

Chinese

(see German, Russian, Japanese, and Chinese Studies)

Department of Classical Studies

including Classical Civilization, Greek, and Latin

College of Arts & Sciences

1104 Moore Humanities and Research Administration
336/334-5214
www.uncg.edu/cla

FACULTY

Susan C. Shelmerdine, Professor and Head of Department
Professor Soles
Associate Professors Parker, Wharton
Assistant Professors Heyn, Zarecki
Lecturer Danford
Visiting Assistant Professor Simmons

Mission Statement

The mission of the Department of Classical Studies is to serve the educational interests of undergraduate and master's level students, the local and statewide community, and the health of the national discipline, by preserving, transmitting and interpreting the achievements of the Classical World, and by adhering to the best practises of our discipline.

The Department of Classical Studies provides a comprehensive approach to the study of the ancient Greek and Roman world. The Department believes that students should have a solid foundation in the language, history, and culture of Greek and Roman civilization. To this end, the program is designed to ensure that all students gain proficiency in the Greek or Latin language, as well as a broad understanding of Classical literature in its cultural and historical context, the influence of Graeco-Roman civilization on the conceptions and values of Western civilization, and the methods of critical inquiry which are central to the discipline of Classical Studies.

The Department offers a wide variety of courses in English on mythology, archaeology, literature and culture, as well as courses in ancient Greek and Latin at all levels. Courses with a CCI prefix require no knowledge of either language; GRK courses require reading of texts in Greek and LAT courses require reading of texts in Latin.

Students also have an opportunity in the summer to visit Athens, Rome, and other parts of the Classical world, to participate in archaeological excavation, and to earn semester hours of credit through CCI 393, 394, 401, or 450; GRK 393, 394; LAT 393, 394; or through **Study Abroad Programs**.

Classical Studies Major (CLAS)

Degree: Bachelor of Arts

Required: 122 semester hours, to include at least 36 hours at or above the 300 course level

Available concentrations and AOS Codes:

Classical Language and Literature, U357
Classical Civilization, U354
Classical Archaeology, U352
Classical Studies Major with Secondary Subject-Area Teacher Licensure in Latin, U129

The Department offers a B.A. in Classical Studies, with four distinct concentrations in Greek Language and Literature, Latin Language and Literature, Classical Civilization, and Classical Archaeology. All four concentrations offer a broad liberal arts experience which provides an excellent foundation for a variety of careers including law, business, government, journalism, and teaching.

The Greek Language and Literature and the Latin Language and Literature concentrations are designed to ensure a solid preparation in the chosen language and to acquaint students with those works which form the origin of European literature, history, and philosophy. These concentrations prepare students for graduate work in the Classical languages and literature and for secondary school language teaching.

The Classical Civilization and Classical Archaeology concentrations provide a solid and wide-ranging background for understanding the origin and development of our Western ideas, values, languages, institutions, attitudes, and art. The Classical Civilization concentration is an excellent major for pre-law students, who should choose courses on Roman Civilization (CCI 202), Roman Law and Society (CCI 350), and Latin to fulfill major requirements. It is also an excellent second major for those interested in any area of primary or secondary school teaching. The Classical Archaeology concentration is intended especially for students wishing to pursue graduate work in Classical Archaeology. Students interested in other areas of archaeology should also consider the **Special Program in Liberal Studies in Archaeology** (p. 96).

Classical Studies Courses Meeting General Education Core Requirements (GEC) and College of Arts and Sciences Additional Requirements (CAR)

For students entering college in fall 2001 and thereafter:

Fine Arts (GFA)
CCI 306, 312

Historical Perspectives on Western Culture (GHP/GPM)
CCI 201, 202, 211, 212, 240, 307

Literature (GLT)
CCI 227, 228, 305, 324, 325, 326

Philosophical/Religious/Ethical Perspectives (GPR)
CCI 205, 321, 340, 350

Reasoning and Discourse (GRD)
CCI 102

College Foreign Language Requirements (GFL)
GRK 203, 204
LAT 203, 204

In addition, most CCI, GRK and LAT courses carry GL marker credit. CCI 312 carries GN marker credit.

REQUIREMENTS

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	3
Mathematics (GMT)	3
Natural Sciences (GNS)	6–7
one must be a laboratory course; each must have a different departmental prefix	
Reasoning and Discourse (GRD)	6
ENG 101 or FMS 115 or RCO 101, and one additional GRD course	
Department specifies courses for:	
Philosophical, Religious, Ethical Principles (GPR)	3
required for Classical Studies Teacher Licensure: CCI 205	
For all other concentrations, student may select.	
One additional GLT course	3
required for all concentrations *(student may select)*	
Historical Perspectives on Western Culture (GHP)	3
required for Classical Language and Literature: CCI 201 or 202	
required for Classical Archaeology: CCI 211 or 212	
required for Classical Civilization: CCI 201 or 202	
required for Classical Studies Teacher Licensure: CCI 202	
Social and Behavioral Sciences (GSB)	6
required for Classical Studies Teacher Licensure: HEA 201	
For all other concentrations, student may select.	

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Department specifies courses for:

Global/Global Non-Western Perspectives (GL/GN)

Required: 6 s.h. in the same foreign language: GRK 203 and 204, or LAT 203 and 204; one CCI course carrying the GL or GN marker; and one additional GL/GN course selected by student. At least one course must carry the GN marker.

One Speaking Intensive (SI) Course

In addition to this SI Marker requirement, **students must also complete a second SI course within the major.** All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course

In addition to this WI Marker requirement, **students must also complete a second WI course within the major.** All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III College of Arts and Sciences Additional Requirements (CAR)

See pp. 89–91 for requirements and approved courses.

Historical Perspectives on Western Culture	3
one GMO course	
Natural Sciences	3–4
one additional GNS/GLS or GPS course	
Social and Behavioral Sciences (GSB)	3
one additional GSB course	
Foreign Language (GFL)	0–12
required: intermediate-level proficiency in one language, demonstrated by placement test or by completing course work through course number 204:	
required for Classical Language and Literature: GRK or LAT 204	
required for Classical Archaeology: GRK or LAT 204	
required for Classical Civilization: GRK or LAT 204	
required for Classical Studies Teacher Licensure: LAT 204	
Writing Intensive Courses (WI)	
a total of four WI courses	

IV Major Requirements

Minimum 30 semester hours distributed as follows in one of the three (3) possible concentrations. Students must have at least a 2.0 GPA for courses in the major, and nine (9) hours at the 300 level or above, with three (3) hours in an advanced seminar (400 level or above).

Classical Language and Literature

1. 6 s.h. in core courses: CCI 201, 202
2. 12 s.h. in one language
   Greek—must include at least one course at or above the 300 level
   Latin—must include at least three (3) courses at or above the 300 level
3. 3 s.h. in material culture chosen from CCI 211, 212, 312, 313, 314, 360, 365, 475, 512
4. 6 s.h. in literature in translation chosen from CCI 205, 227, 228, 305, 306, 307, 321, 324, 325, 326, 405, 502
5. 3 s.h. in a related field chosen from CCI 206, 240, 323, 336, 340, 350, 351, 353, 354, 355, 490, or one of the above categories

Classical Civilization

1. 6 s.h. in core courses: CCI 201, 202
2. 3 s.h. in either Greek or Latin at or above the 204 level
3. 3 s.h. in material culture chosen from CCI 211, 212, 312, 313, 314, 360, 365, 475, 512
4. 9 s.h. in literature in translation chosen from CCI 205, 227, 228, 305, 306, 307, 321, 324, 325, 326, 405, 502
5. 9 s.h. in a related field chosen from CCI 206, 230, 240, 323, 336, 340, 350, 351, 353, 354, 355, 490, or one of the above categories

Classical Archaeology

1. 6 s.h. in core courses: CCI 211, 212
2. 3 s.h. in either Greek or Latin at or above the 204 level
3. 9 s.h. in material culture chosen from CCI 312, 313, 314, 360, 365, 475, 512

4. 3 s.h. in literature in translation chosen from CCI 205, 227, 228, 305, 306, 307, 321, 324, 325, 326, 405, 502
5. 9 s.h. in a related field chosen from CCI 206, 230, 240, 323, 336, 340, 350, 351, 353, 354, 355, 490, or one of the above categories

V Related Area Requirements

No specific courses required.

VI Electives

Electives sufficient to complete the 122 semester hours required for degree.

Honors in Classical Studies

Requirements

- 12 s.h. of Honors work in CCI, GRK, and/or LAT courses above the 100 level with at least six (6) s.h. at the 300 level or above and grades of at least a B (3.0)
- 3 s.h. of HSS 490: Senior Honors Project with a grade of at least a B (3.0)

Qualifications

- A grade of at least 3.0 in all work used to satisfy the Honors requirements in Classical Studies
- A declared Classical Studies primary major
- A UNCG GPA of 3.30 or higher at graduation

Recognition

The designation "Completed Disciplinary Honors in Classical Studies" and the title of the Senior Honors Project will be printed on the student's official transcript.

Honors Advisor

See the department head for further information and guidance about Honors in Classical Studies.

Classical Studies Minor

Required: minimum of 15 semester hours

AOS Code: U350

The Classical Studies Minor complements majors in a variety of fields including anthropology, art, English, foreign languages, history, philosophy, and religious studies. Requirements are flexible enough to permit students to develop and extend their major plan of study.

The minor consists of 15 semester hours in courses above the 100 level to be worked out with the department advisor as best suited to each student's academic program.

Classical Studies Major with Secondary Subject-Area Teacher Licensure in Latin (CLAS)

AOS Code: U129

The Department of Classical Studies cooperates with the School of Education to prepare students for teaching Latin at the secondary level. The aim of the departmental program is three-fold:

1. To promote proficiency in Latin by providing courses which focus on grammatical analysis and reading of Latin texts with understanding, and which cover a range of genres and authors;
2. To make available a full variety of courses in literature, civilization, and advanced language training to ensure students a broad base of cultural and linguistic experiences;
3. To promote an understanding of and appreciation for the Classical foundations of the Western tradition.

Requirements

Minimum of 30 semester hours distributed as follows, with a minimum GPA of 3.0 in Latin (LAT) courses, and 9 hours at the 300 level or above, with three (3) hours in an advanced seminar (400 level or above):

1. 6 s.h. in core courses: CCI 201, 202*
2. 12 s.h. in Latin language with at least 9 s.h. (three courses) at the 300 level or above
3. 3 s.h. in LAT 531, Latin Grammar and Composition
4. 3 s.h. in material culture chosen from CCI 212, 312, 314, 360, 365, 475, 512
5. CCI 205*, and 3 additional s.h. in literature in translation chosen from:
   CCI 227, 228, 305, 306, 307, 324, 325, 326, 405, 502
6. 3 s.h. in a related field chosen from:
   CCI 206, 230, 240, 323, 336, 340, 350, 351, 353, 354, 355, 490, or one of the above categories

**CCI 201 and 202 satisfy GHP/GPM; CCI 205 satisfies GPR.*

In addition, students must meet additional requirements in General and Professional Education (see **Teacher Education**). For further information concerning these requirements students should consult with their advisor from the Department of Classical Studies.

Classical Studies as a Second Academic Concentration for Elementary Education and Special Education Majors

Required: minimum of 18 semester hours

AOS Code: U130

This concentration is designed for students in the Elementary Education and Special Education programs. Much of the subject matter in the concentration (mythology, language and reading study, word origins, history, and culture) is easily adaptable for use with elementary grades students, and the flexibility of the concentration is designed to accommodate the schedules of Elementary Education and Special Education majors.

Latin Focus

1. LAT 101, 102 Elementary Latin, 6 s.h., or
   LAT 140* Elementary Latin Review, 3 s.h.

**by placement exam or permission of the instructor*

2. CCI 202 Introduction to Classical Civilization: The Romans, 3 s.h.
3. CCI 205 Mythology, 3 s.h.
4. 6–9 s.h. in civilization courses selected from:
   CCI 206, 212, 220, 227, 228, 230, 305, 306, 307, 314, 324, 326, 340, 350, 354, 355, 405

Greek Focus

1. GRK 201, 202 Elementary Greek, 6 s.h.
2. CCI 201 Introduction to Classical Civilization: The Greeks, 3 s.h.
3. CCI 205 Mythology, 3 s.h.
4. 6 s.h. in civilization courses selected from:
   CCI 206, 211, 220, 227, 228, 230, 305, 306, 307, 314, 323, 326, 340, 351, 353, 405

CLASSICAL CIVILIZATION COURSES (CCI)

GE Core denotes General Education Core credit; GE Marker denotes General Education Marker credit; CAR denotes College Additional Requirement credit.

Courses in English Translation;
no knowledge of Greek or Latin required.

Courses for Undergraduates

102 The Classical Art of Persuasion (3:3)
GE Core: GRD *GE Marker: GL*

Introduction to Greek and Roman rhetoric. Study of selected speeches in their ancient contexts (law courts, funerals, politics) and early views on the art and power of persuasion.

111 Introduction to Linguistics (3:3)

Introductory study of the science of language: principles of sound, meaning, structure, use, and the interactions of language and society. (FALL) (Same as ENG 111 and LIN 111)

201 Introduction to Greek Civilization (3:3)
GE Core: GHP *GE Marker: GL* *CAR: GPM*

Introduction to Greek civilization from its beginnings to the Hellenistic age. Lectures and discussion will focus on the development of Greek literature, thought, and art in the context of society.

202 Introduction to Roman Civilization (3:3)
GE Core: GHP *GE Marker: GL* *CAR: GPM*

Introduction to Roman civilization from its beginnings to the Roman Empire. Lectures and discussion will focus on the development of Roman literature, thought, and art in the context of society.

205 Mythology (3:3)
GE Core: GPR *GE Marker: GL*

Great myths of the world with emphasis on Greek and Roman mythology. Discussion of literary and artistic representations, religious, philosophical and ethical traditions, and different theories of myth.

206 Classical Origins of the English Language (3:3)
GE Marker: GL

Analysis of Greek and Latin prefixes, stems, and suffixes used in English. Emphasis on the history of beliefs, institutions, and traditions reflected in the Greek and Latin elements.

211 Introduction to Greek Archaeology (3:3)
GE Core: GHP *GE Marker: GL* *CAR: GPM*

Archaeological consideration of the Mycenaean, Archaic, Classical, and Hellenistic periods of Greek civilization.

212 Introduction to Roman Archaeology (3:3)
GE Core: GHP *GE Marker: GL* *CAR: GPM*

Introduction to the archaeology of the Roman world, with particular emphasis on Rome and the monumental remains of its vast empire.

220 The Ancient World (3:3)
GE Core: GHP *CAR: GPM*

Early civilizations: Near Eastern, Egyptian, Greek, and Roman to Reign of Constantine. (Same as HIS 220)

227 Comparative Studies in World Epics (3:3)
GE Core: GLT *GE Marker: GL*

Major world epics in translation including the following works in whole or in part: Gilgamesh, Iliad, Odyssey, Aeneid, Chanson de Roland, Divine Comedy, Jerusalem Delivered, Beowulf, Joyce's Ulysses.

228 Comparative Studies in World Drama (3:3)
GE Core: GLT *GE Marker: GL*

Greek, Latin, and modern plays in translation: representative plays from Aeschylus through Euripides, Seneca, Terence, Racine, O'Neill, Cocteau, Anouilh, et al.

240 Ancient Warfare (3:3)
GE Core: GHP *CAR: GPM*

Survey of ancient warfare covering major battles, generals, strategy, tactics, weapons, and technology from the ancient Near East through the Roman Empire. (ALT FALL)

305 Classical Tragedy (3:3)
GE Core: GLT *GE Marker: GL*

Study of Greek tragedians of Athens in the fifth century and their subsequent influence on later literature. Readings from Aeschylus, Sophocles, Euripides, and Seneca.

306 Classical Comedy (3:3)
GE Core: GFA *GE Marker: GL*

Study of Greek comedy in the fifth and fourth centuries and its subsequent influence on later literature. Readings from Aristophanes, Menander, Terence, and Plautus.

312 The Art and Archaeology of Egypt (3:3)
GE Core: GFA *GE Marker: GN*

Introduction to the archaeology of Egypt, emphasizing the relations between Egypt and the Aegean in the Bronze Age.

313 Archaeology of the Aegean (3:3)

Introduction to the Minoans and Mycenaeans. The archaeology of the Aegean Islands, Crete, the coast of Asia Minor, including Troy, and the mainland of Greece in the Bronze Age.

314 Ancient Cities (3:3)

Introduction to the great cities of the past, emphasizing the physical design of those cities, especially as it reflects changing political and social structures.

321 The Archaic Age (3:3)
GE Core: GPR *GE Marker: GL*

Study of the Greek Archaic period, from the end of the Homeric Age to the dawn of the Classical era. Focus on literature, art, and religion within their social context.

323 The World of Alexander the Great (3:3)

An introduction to the Hellenistic period of Greek civilization, emphasizing its art and architecture, its religion and literature in their historical context.

324 The Age of Cicero (3:3)
GE Core: GLT *GE Marker: GL*

Introduction to Roman literature and society in the first century B.C. Focus on the development of the genres of Latin literature and the relationship between politics and literature.

325 The Age of Augustus (3:3)
GE Core: GLT *GE Marker: GL*
Introduction to Roman literature and society during the reign of Augustus. Focus on the development of Latin epic poetry, historical writing, and elegy, and the relationship between authors and Emperor.

326 The Age of Nero (3:3)
GE Core: GLT *GE Marker: GL*
Introduction to Roman literature and society during the reign of Nero and his successors. Focus on readings that reflect changes in the Roman Empire of the first and second centuries.

330 Women in Antiquity (3:3)
GE Marker: GL
Pr. CCI 201, 202, or 205
Public and private lives of Greek and Roman women of the Classical Period, focusing on women's political, religious, and domestic roles, their general social status, health and welfare.

336 Language Change (3:3)
Pr. LIN 111, ENG 111, or ATY 387, or permission of instructor
What makes languages change and how does language change affect individuals and societies? Survey of the empirical study of language change, with insights drawn from linguistics, sociolinguistics, and anthropology. (Same as LIN 336)

340 Ancient Cosmology (3:3)
GE Core: GPR *GE Marker: GL*
Survey of ancient theories of the origins and configuration of the universe. Focus on Greek and Roman philosophical accounts, with some attention to Old Testament and Babylonian creation narratives.

350 Roman Law and Society (3:3)
GE Core: GPR *GE Marker: GL*
Exploration of major concepts and principles of Roman law and the society in which they developed, primarily through the study of cases from the writings by Roman jurists.

351 History of Greece, 2000 B.C.– 31 B.C. (3:3)
Mycenaean society, Greek "dark ages," colonization and tyranny, Athens and Sparta, flowering in the fifth and fourth centuries, conquests of Alexander, Hellenistic empires, and the diffusion of Greek civilization. (Same as HIS 351)

353 Athens in the Fifth Century B.C. (3:3)
Pr. 220 or 351 or permission of instructor
Study of the social and political history of Athens in the fifth century B.C. (Same as HIS 353)

354 The Roman Republic, 754 B.C.–44 B.C. (3:3)
Study of the social and political forces that led to Rome's conquest of the Mediterranean World and of the transformation which world conquest wrought on Rome itself. Topics covered include: the Roman Constitution and politics, the Roman conquest of Italy and then of the whole Mediterranean, and the decline of the Republic. (Same as HIS 354)

355 The Roman Empire, 44 B.C.–A.D. 337 (3:3)
GE Marker: GL
Survey of politics and society at Rome under the Empire, when Rome dominated Western Civilization. Topics covered include: Augustus and the rise of one-man rule at Rome, the long "Roman Peace" and the civilizing of Europe under the Emperors, the rise of Christianity, and the transformed Empire of Constantine the Great. (Same as HIS 355)

360 Archaeology of the Roman Provinces: Britain and Gaul (3:3)
Pr. CCI 212 or permission of instructor
Archaeological study of provinces of Gaul and Britain. Following in the footsteps of Julius Caesar to look at how incorporation into the empire changed the lives of the Celtic "barbarians." (OCC)

365 Archaeology of the Roman Provinces: Asia Minor and Syria (3:3)
Pr. CCI 212 or permission of instructor
Archaeological study of Asia Minor and Syria, a region at the crossroads between East and West. Focus on the impact of the Roman Empire on Eastern culture and society. (OCC)

389 Experimental Course: Women in Classical Drama (3:3)
Examination of several Greek and Roman plays (tragedies and comedies) and performance techniques to understand women's presentation on the public stage as models and countermodels of conventional social mores. (Offered spring '05)

393, 394 Classical Studies Abroad (3:3), (3:3)
Pr. permission of department
Extensive reading in Greek and Latin literature in translation, ancient history and archaeology, selected in accordance with student needs. For students participating in foreign study programs.

401 Archaeological Practicum (1–3)
- *May be repeated for credit.*

Participation in the department's archaeological work in Greece and opportunity to learn the field methods of classical archaeology firsthand.

405 Advanced Studies in Mythology (3:3)
Pr. CCI 205 or permission of the instructor
Study of selected myths from Greece, Rome, and comparative cultures. Focus on original literature, supplemented by ancient and modern critical works. Topics will vary; see description for each term.

407 Roman Myth and Legend (3:3)
GE Marker: GL
Pr. CCI 205
Examination of the myths and legends of ancient Rome and their connection to the history of Roman political and religious life. (OCC)

450 Internship in Classical Studies (1–6)
Pr. permission of department head
- *May be repeated once, for a maximum of 12 semester hours credit, with the provision that no more than six (6) hours may be taken in the same country.*

Supervised field experience in museums or institutes devoted to the study of Ancient Greece or Rome and/or visitation of classical sites.

475 Archaeology of Death in the Classical World (3:3)
Pr. CCI 211 or 212 or ATY 258 or 360
Survey of archaeological evidence for funerary customs and beliefs in the Bronze Age Aegean, Classical Greece, and Rome, with a study of comparative evidence from other ancient and modern cultures. (ALT)

490 Seminar in Classical Studies (3:3)
Pr. permission of instructor
- *May be repeated once for credit when topic changes*

Seminar on the history and methodologies of scholarship in Classical Studies. Topics will vary. (ALT)

493 Honors Work (3–6)
Pr. permission of instructor; 3.30 GPA in the major, 12 s.h. in the major
- *May be repeated for credit if the topic of study changes.*

Courses for Advanced Undergraduates & Graduate Students

501 Independent Study (1–3)
Pr. permission of instructor
- *May be repeated for credit for up to six (6) semester hours.*

Directed program of reading, research, and individual instruction in Classical Studies.

502 History of Latin Literature (3:3)
Pr. permission of instructor

A survey of Latin literature in English translation from the third century B.C. to the beginnings of the Middle Ages.

512 The Archaeology of Roman Daily Life (3:3)

Study of Roman daily life and the evidence from archaeology and ancient literature for daily life.

541 Ancient World: Selected Topics (3:3)
- *May be repeated once for credit when topic varies.*

Varying topics in ancient Near Eastern, Greek, and Roman history, including politics and public rituals, patterns of social organization, ancient slavery, and cross-cultural interactions. (Same as HIS 541)

550 Selected Topics in Classical Studies (3:3)
- *May be repeated once for credit when topic varies.*

Varying topics in Greek and/or Roman literature, archaeology, or culture, chosen according to the needs of the students. All readings in English translation. (FALL OR SPRING OR SUMMER)

GREEK COURSES (GRK)

GE Core denotes General Education Core credit; GE Marker denotes General Education Marker credit; CAR denotes College Additional Requirement credit.

Courses require the reading of texts in Greek.

Courses for Undergraduates

150 Applied Modern Greek (1:1)
Pr. open to all students with instructor's permission
- *May be repeated for credit up to four (4) semester hours.*
- *Grade: Pass/Not Pass (P/NP)*
- *Will NOT satisfy foreign language requirement.*

Training in spoken demotic Greek.

201 Elementary Ancient Greek I (3:3)
GE Marker: GL

Introduction to ancient Greek. Emphasis on understanding principles of grammar and developing skills for reading ancient Greek. (FALL)

202 Elementary Ancient Greek II (3:3)
GE Marker: GL
Pr. 201

Continuation of GRK 201. Emphasis on advanced grammar and reading of selections from ancient Greek authors (e.g., Euripides, Xenophon, Plato, New Testament). (SPRING)

203 Intermediate Ancient Greek I (3:3)
GE Marker: GL CAR: GFL
Pr. 202

Designed to develop proficiency in the reading of ancient Greek prose and to introduce students to Greek prose authors. Plato and Lysias/Herodotus (or another historian) taught in alternate years. (FALL)

204 Intermediate Ancient Greek II (3:3)
GE Marker: GL CAR: GFL
Pr. 203

Continuation of GRK 203. Designed to develop proficiency in reading ancient Greek poetry and to introduce students to Greek poets. Greek tragedy/Homer taught in alternate years. (SPRING)

303, 304 Greek Drama (3:3), (3:3)
GE Marker: GL
Pr. 204, or permission of instructor

Selected works of Sophocles, Aeschylus, Euripides, and Aristophanes.

311 The Greek Orators (3:3)
GE Marker: GL
Pr. 204, or permission of instructor

Selections from the works of Greek orators; emphasis on Antiphon, Lysias, Isocrates, and Demosthenes.

312, 313 Greek Historical Writers (3:3), (3:3)
GE Marker: GL
Pr. 204, or permission of instructor

Selections from the works of the Greek historians; emphasis on Herodotus and Thucydides.

331 The New Testament (3:3)
Pr. 204, or permission of the instructor

Selections from the New Testament.

341 Homer (3:3)
GE Marker: GL
Pr. 204, or permission of instructor

Selections from Iliad and Odyssey.

350, 351 Special Topics in Greek Studies (3:3), (3:3)
Pr. 203, 204. Student should consult instructor before registering for course.

Opportunity for students to work individually or in small groups on problems of special interest in Greek literature or language. Work may represent either survey of a given field or intensive investigation of particular problem.

393, 394 The Study of Greek Abroad (3:3), (3:3)
Pr. 204 and permission of department

Extensive reading in Greek literature selected in accordance with student needs. For students participating in foreign study programs.

401 The Greek Epic (3:3)
Pr. 204, or permission of instructor

Selections from the works of Homer, Hesiod, and Apollonius of Rhodes.

403 Greek Lyric Poetry (3:3)
Pr. 204, or permission of instructor

Survey of Greek lyric poetry with emphasis on Sappho and Alcaeus; the pastoral poetry of Theocritus, Bion, and Moschus.

405 Hellenistic Poetry (3:3)
Pr. 204, or permission of instructor

Selections from Hellenistic poetry; emphasis on Callimachus and Theocritus.

421 The Greek Philosophers (3:3)
Pr. 204, or permission of instructor

Selections from the Presocratics, Plato, Aristotle, and representatives of the Hellenistic schools.

450 Seminar in Greek Studies (3:3)
Pr. 204, or permission of instructor

Extensive reading in literature of the Classics selected in accordance with student needs. Periodic conferences, written reports, and quizzes throughout the semester.

493 Honors Work (3–6)
Pr. permission of instructor; 3.30 GPA in the major, 12 s.h. in the major
- *May be repeated for credit if the topic of study changes.*

Courses for Advanced Undergraduates & Graduate Students

501 Independent Study (1–3)
Pr. permission of instructor
- *May be repeated for up to six (6) semester hours.*

Directed program of reading, research, and individual instruction in Greek language and literature.

550 Topics in Greek Studies (3:3)
Pr. permission of instructor
- *May be repeated once for credit when topic varies.*

Studies in selected topics in Greek literature or language, e.g., the development of a genre, the nature of a period in literary history, or the treatment of a particular theme.

LATIN COURSES (LAT)

GE Core denotes General Education Core credit; GE Marker denotes General Education Marker credit; CAR denotes College Additional Requirement credit.

Courses require the reading of texts in Latin.

Students who have a background in high school Latin must take the Latin placement exam before registering for any Latin courses.

Courses for Undergraduates

101 Elementary Latin I (3:3)
GE Marker: GL

Introduction to Latin. Emphasis on understanding principles of grammar and developing skills for reading Latin. (FALL)

102 Elementary Latin II (3:3)
GE Marker: GL
Pr. 101 or appropriate score on the Latin placement exam

Continuation of LAT 101. Emphasis on advanced grammar and selected readings. (SPRING)

140 Elementary Latin Review (3:3)
GE Marker: GL
Pr. permission of instructor

Accelerated elementary curriculum for students with previous Latin experience or a demonstrable aptitude for second-language acquisition. (FALL)

198 Latin Sight Reading (1:1)
Pr. LAT 203
- *May be repeated once for credit*
- *Grade: Pass/Not Pass (P/NP)*

Sight reading of Latin texts from all periods of Latin literature. Does not count toward the language requirements of the College of Arts and Sciences or the Classical Studies major. (ALT)

199 Conversational and Modern Latin (1:1)
Pr. LAT 102 or 140 or permission of instructor
- *Grade: Pass/Not Pass (P/NP)*

Practice in Latin conversation, supplemented by readings and informal exercises. Does not count toward the language requirements of the College of Arts and Sciences or the Classical Studies major. (OCC)

203 Intermediate Latin I (3:3)
GE Marker: GL CAR: GFL
Pr. a grade of C- or better in LAT 102 or 140, or appropriate score on the Latin placement exam, or permission of instructor

Designed to develop proficiency in reading of Latin and introduce students to Latin prose and poetry.

204 Intermediate Latin II (3:3)
GE Marker: GL CAR: GFL
Pr. LAT 203, or appropriate score on the Latin placement exam, or permission of instructor

Study of Latin prose and poetry with continued emphasis on developing proficiency in reading Latin.

301 Roman Lyric Poetry (3:3)
GE Marker: GL
Pr. 204, or permission of instructor

Selections from the poetry of Catullus and Horace.

302 Roman Letters and Men of Letters (3:3)
GE Marker: GL
Pr. 204, or permission of instructor

Selections from the letters of Cicero, Pliny, and Seneca.

303 Roman Drama (3:3)
GE Marker: GL
Pr. 204, or permission of instructor

Selections from Plautus, Terence, and Seneca.

311 The Roman Orators (3:3)
GE Marker: GL
Pr. 204, or permission of instructor

Selections from the speeches and rhetorical works of Cicero and of other Roman orators.

312 Roman Historians (3:3)
GE Marker: GL
Pr. 204, or permission of instructor

Selections from Julius Caesar, Sallust, Livy, and Tacitus.

321 Roman Satire (3:3)
GE Marker: GL
Pr. 204, or permission of instructor

Selected satires of Horace and Juvenal.

350, 351 Special Topics in Latin Literature (3:3), (3:3)
Pr. 204. Student should consult instructor before registering for course.

Opportunity for students to work individually or in small groups on problems of special interest in Latin literature or language. Work may represent either survey of a given field or intensive investigation of particular problem.

393, 394 The Study of Latin Abroad (3:3), (3:3)
Pr. 204 and permission of department

Extensive reading in Latin literature selected in accordance with student needs. For students participating in foreign study programs.

400 Intensive Reading of Latin (3:3)
Pr. permission of the instructor

Systematic review of Latin grammar and intensive reading of selected authors intended to prepare students for further work in Latin.

401 Vergil (3:3)
GE Marker: GL
Pr. 204, or permission of instructor

Vergil's Aeneid VII–XII; reading from the Eclogues and Georgics.

402 Ovid (3:3)
Pr. 204, or permission of instructor
Selected readings from Ovid's Metamorphoses, Amores, and Fasti.

405 Poetry in the Age of Augustus (3:3)
Pr. 204, or permission of instructor
Survey of Latin literature from 40 B.C. to A.D. 14; selections from Vergil, Horace, the elegiac poets, and Ovid.

421 Roman Philosophical Writings (3:3)
Pr. 204, or permission of instructor
Selections from essays of Cicero, De Rerum Natura of Lucretius, and essays of Seneca.

450 Seminar in Latin Studies (3:3)
Pr. 204, or permission of instructor
Extensive readings in literature of the Classics selected in accordance with student needs. Periodic conferences, written reports, and quizzes throughout the semester.

493 Honors Work (3–6)
Pr. permission of instructor; 3.30 GPA in the major, 12 s.h. in the major
- *May be repeated for credit if the topic of study changes.*

Courses for Advanced Undergraduates & Graduate Students

501 Independent Study (1–3)
Pr. permission of instructor
- *May be repeated for up to six (6) semester hours.*

Directed program of readings, research, and individual instruction in Latin language.

531 Latin Grammar and Composition (3:3)
Pr. 204, or permission of instructor
Intensive study of Latin grammar, syntax, and prose style; includes reading of Latin texts and translation into Latin from English. Required for initial licensure in Latin. (Formerly LAT 431)

550 Topics in Latin Studies (3:3)
- *May be repeated once for credit when topic varies.*

Studies in selected topics in Latin literature or languages, e.g., the development of a genre, the nature of a period in literary history, or the treatment of a particular theme.

552 Teaching Secondary-Level Latin: Current Trends (3:3)
Pr. admission to the Standard Professional I License or M.Ed. in Latin program, or permission of instructor
- *May be repeated once for credit when topic varies.*

Recent trends and issues in teaching Latin at the secondary level. Topics include: review of textbooks, use of technology, research on second language acquisition, reaching diverse learners, and other current issues.

571 Medieval and Renaissance Latin (3:3)
Pr. permission of the instructor
Selections from Medieval and Renaissance prose and poetry.

Please refer to The Graduate School Bulletin *for additional graduate-level courses.*

Department of Communication Sciences & Disorders

School of Health & Human Performance

300 Ferguson Building
336/334-5184
www.uncg.edu/csd

FACULTY
Celia R. Hooper, Professor and Head of Department
Professors Kamhi, Mayo
Associate Professors Cimorelli, Hinton, Nwokah, Phillips, Tucker
Academic Professional Professor McCready
Academic Professional Assistant Professors Flynn, Mankoff, Murray, Raleigh
Adjunct Associate Professor Butler
Adjunct Assistant Professors Barrie-Blackley, Campbell, Delagrange, Fox-Thomas, Ramsey

Mission Statement

The Mission of the Department of Communication Sciences and Disorders is to prepare students with a background in speech, language, and hearing sciences, and in speech, language, and hearing disorders in anticipation of their continued studies at the graduate level.

Speech Pathology and Audiology Major (SPAU)

Degree: Bachelor of Science

Required: 122 semester hours, to include at least 36 hours at or above the 300 course level

AOS Code: U143

The Speech Pathology and Audiology Major provides a preprofessional program for those preparing for graduate study in speech-language pathology or audiology. The major is designed to satisfy some requirements for the N.C. license in Speech-Language Pathology or Audiology, although no license is awarded until completion of the master's degree in speech language pathology and the Au.D. or Ph.D. in audiology. Instruction is designed to meet American Speech-Language-Hearing Association standards. Transfer students may require an additional semester to complete the undergraduate degree program.

Student Learning Goals

Students majoring in Speech Pathology and Audiology will be able to:

- Identify the foundations of normal communication (speech, language, hearing).
- Explain the theories and processes involved in the identification and evaluation of communication disorders.
- Identify disorders of receptive and expressive written and oral language (phonology, morphology, syntax, semantics, and pragmatics).
- Identify disorders of speech production (articulation, voice, and fluency).
- Describe the cognitive and social aspects of communication.

- Relate issues of cultural diversity to communication and its disorders.
- Explain relationships of hearing and hearing disorders to speech and language development and disorders.
- Analyze and measure hearing function.
- Describe habilitation and rehabilitation of individuals with hearing impairment.

Admission Requirements

a. Students must be formally admitted to the Speech Pathology and Audiology Major. Only students with a written acceptance will be permitted to enroll in required courses at the 300 level or above.

b. Applicants for admission to the Speech Pathology and Audiology major may apply only after completion and/or transfer of 55 semester hours and must apply before enrollment in any required courses at or above the 300 level in the major. Applicants must have an overall grade point average of at least 3.0 to be admitted to the major.

c. The grade point average (see b. above) is a minimum requirement and simple compliance does not automatically imply admission. In all cases, admission is competitive and limited by space available in the program.

d. Students seeking admission to the Speech Pathology and Audiology Major should proceed as follows:
   (1) Secure an official transcript(s) of undergraduate course work completed at colleges and universities other than UNCG, and an unofficial transcript from UNCG;
   (2) Secure an application from the Communication Science and Disorders Program Office, 300 Ferguson Building, or online at www.uncg.edu/csd/ugapp.htm;
   (3) Deliver both the transcripts and the completed application to the Program Office, 300 Ferguson Building, by May 31.
   (4) In some cases the Program may require additional information or an interview, so the application process should be initiated immediately after completion of 55 hours.

Criteria for Continuing in the Speech Pathology and Audiology Major

Failure to meet these criteria will result in dismissal from the major and loss of approval to graduate.

a. Maintenance of a minimum overall grade point average of 3.0

b. Minimum grade point average of 3.0 in major courses, with no grades in these courses below C-

c. Demonstration of high quality oral and written communication

d. Compliance with all University regulations including the Academic Integrity Policy

REQUIREMENTS

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
One additional GLT, GFA, or GPR course	3
Historical Perspectives on Western Culture (GHP)	3
Mathematics (GMT)	3
Natural Sciences (GNS)	6–7
one must be a laboratory course; each must have a different departmental prefix	
Reasoning and Discourse (GRD)	6
ENG 101 or FMS 115 or RCO 101, and one additional GRD course	
Department specifies courses for:	
Social and Behavioral Sciences (GSB)	6
Required: PSY 121 and one other GSB course	

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Department specifies courses for:

Global/Global Non-Western Perspectives (GL/GN)
6 s.h. of a foreign language through the 102 level, and two additional GL/GN courses, one of which must carry the GN marker

Students may select courses for:

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major**. All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major**. All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III Major Requirements

Minimum 27 semester hours above the 100 level.

a. All majors are required to take:
   - CSD 295, 306, 307, 308, 309, 334, 336, 337, 476, 495, 556 or 557, and 588; MAT 115 or higher; PSY 121*; SES 135. CSD 464 recommended.
   - one additional GSB course (in addition to the 6 s.h. required by GEC) from the list on p. 53
   - one additional GNS course from the list on p. 52 (in addition to the 6–7 s.h. required by GEC)
   - 6 s.h. of a foreign language through the 102 level*

**PSY 121 satisfies one GSB; six (6) semester hours of a foreign language satisfy two GL requirements.*

b. Students preparing for graduate study in **speech-language pathology** are required to take: CSD 338, 339, and 550

c. Students preparing for graduate study in **audiology** are required to take: STA 108 and ISM 110

Honors in Communication Sciences and Disorders

Requirements

For Honors requirements, check with the departmental office and see Honors Programs information on pp. 213–216.

Honors in Communication Sciences and Disorders

Requirements

1. Admission to Lloyd International Honors College
2. Completion of Senior Honors Project, HSS 490, 3 s.h.
3. Nine (9) s.h. of 300-level or higher course work in CSD to be completed through CSD Honors courses and/or Honors Contracts from any of the following: CSD 333, 464, 495, 551, 556 or 557 (if not taken as a major requirement), and/or 571 (Honors clinic)

Qualifications

- A grade of B or higher in all CSD course work
- 3.30 or higher overall GPA at graduation

Recognition

The designation "Completed Disciplinary Honors in Communication Sciences and Disorders" and the title of the Senior Honors Project will be printed on the student's official transcript.

COMMUNICATION SCIENCES AND DISORDERS COURSES (CSD)

Courses for Undergraduates

150 Communication Disabilities in Film (3:2:3)

Popular films and their portrayal of individuals with various speech, language, or hearing problems; how that information promotes images that are positive and negative; and how those images influence public opinion. (FALL)

219 Communication Disorders Laboratory (1:0:2)

Pr. permission of instructor

- *May be repeated for credit.*
- *Grade: Pass/Not Pass (P/NP)*

Supervised therapy for students with speech, voice, language, or hearing problems.

250 Concepts in Communication Sciences (3:3)

- *For freshmen and sophomores.*

Concepts essential in understanding human communication; factors affecting life-long development and competency of speech, language and hearing.

295 Fundamentals of Speech and Language Analysis (3:3)

Structural foundation and analytic tools for studying language disorders. (FALL)

306 Introduction to Phonetics (3:3)

Pr. majors only, or by permission of instructor
Coreq. must be taken concurrently with 307, 308, and 309.

- *Not open to freshmen or sophomores.*

Recording of speech using the International Phonetic Alphabet in broad transcription. General American dialects and variations.

307 Speech and Hearing Science (3:3)

Pr. majors only, or by permission of instructor
Coreq. must be taken concurrently with 306, 308, and 309.

- *Not open to freshmen or sophomores.*

Acoustic principles of speech and hearing; analysis of the acoustic characteristics of speech and physiological correlates; speech perception.

308 Language and Speech Development (3:3)

Pr. majors only, or by permission of instructor
Coreq. must be taken concurrently with 306, 307, and 309.

- *Students cannot receive credit for both this course and SES 240.*
- *Not open to freshmen or sophomores.*

Theory and evidence of the chronological development of phonology, syntax, semantics, and pragmatics in the child.

309 Anatomy and Physiology of the Speech and Hearing Mechanism (3:3)

Pr. majors only, or by permission of instructor
Coreq. must be taken concurrently with 306, 307, and 308.

- *Not open to freshmen or sophomores.*

Anatomical and physiological bases of human communication.

334 Introduction to Audiology (3:3)

Pr./Coreq. CSD 308, and either SES 240 or CSD 307; or permission of instructor

- *Speech Pathology/Audiology and Education of Deaf Children majors only*

Basic anatomy and physiology of the auditory system, fundamental hearing science, and methods and techniques of hearing measurement and interpretation for the assessment, diagnosis, evaluation, and rehabilitation of hearing disorders.

336 Articulation and Phonological Disorders Across the Life Span (3:3)

Pr. CSD 306, 307, 308, and 309, or permission of instructor

Assessment and treatment procedures for a variety of articulation and phonological disorders across the life span.

337 Language Disorders (3:3)

Pr. CSD 306, 307, 308, 309

Nature, theory, measurement, and management of language problems across the life span.

338 Voice Disorders (3:3)

Pr. 306, 307, 308, 309

Factors related to voice disorders in children and adults. Procedures for the examination of voice. Remediation techniques.

339 Fluency Disorders (3:3)

Pr. 306, 307, 308, 309

Basic theories and principles in the onset, development, and maintenance of stuttering and similar disorders. Principal factors in measurement, diagnosis, and treatment.

389 Experimental Course: Voice and Fluency Disorders (3:3)

Pr. CSD 306, 307, 308, and 309, or permission of instructor

Basic theories and principles in the onset, development, and maintenance of stuttering and voice disorders in children and adults. Principal factors in prevention, measurement, assessment, and management. (Offered spring '07)

464 Genetics and Communication Disorders (3:3)
Pr. CSD 306, 307, 308, 309, 334

Fundamentals of embryology of the organs of communication, Mendelian and non-Mendelian genetics including pedigrees, risk calculation, meiosis/mitosis, chromosomal abnormalities, genetic screening and counseling, environmental genomics, and disorders of communication. (SPRING)

476 Structured Clinic Observations (1:0:2)
Pr. CSD 334, 336, and 337, or permission of instructor
- *Grade: Pass/Not Pass (P/NP)*

Guided clinical observations and experiences as a therapy assistant in the UNCG Speech and Hearing Center. (FALL & SPRING)

495 Special Topics Seminar (1:1)
Pr. CSD 334, 336, and 337, or permission of instructor
- *May be repeated for credit twice during the senior year of UNCG undergraduates. Second degree students may enroll twice during the year they are taking undergraduate courses.*

Critical analysis of contemporary topics in Communication Sciences and Disorders.

Courses for Advanced Undergraduates & Graduate Students

550 Diagnostic Procedures: Inquiry, Observation and Measurement (3:2:3)
Pr. completion of all CSD 300-level courses required for the major or permission of the instructor

Processes and techniques of data acquisition and analysis for the diagnosis, assessment, and evaluation of communication disorders.

551 Speech and Language Disorders: Diagnostic Procedures (3:2:2)
Pr. permission of instructor

Differential diagnosis of speech, language, voice, and rhythm problems.

552 Communication and Aging (3:3)
Pr. 308 or permission of instructor

Development of communication in old age; factors affecting development and competency; communication evidence and theories of aging; facilitation of life-long functional communication.

554 Advanced Speech Science (3:3)
Pr. 306, 307, 308, 309

Acoustic theory and methods of analysis; acoustic structure of speech and its physiological correlates; application of acoustic information to clinical management of disorders of communication.

556 Aural Rehabilitation (3:3)
Pr. 334

Principles of aural rehabilitation with hearing impaired adults and their significant others. (SPRING)

557 Pediatric Aural Rehabilitation (3:3)
Pr. CSD 334 for undergraduates; permission of instructor for graduate students

Study of new technologies available for children with hearing impairment and the impact of these technologies on therapy and teaching. (SPRING)

571 Beginning Clinical Practice in Speech-Language Pathology (3:2:4)
Pr. admission to the appropriate degree program or permission of instructor
- *Grade: Satisfactory/Unsatisfactory, S/U*

Beginning clinical practice in diagnosis of and therapy for communication disorders.

575 Instrumentation for Communication Disorders (3:3)
Pr. permission of instructor

Instrumentation commonly used in communication disorders; operation and measurement techniques for clinical and research applications.

588 Neurology of Speech, Language and Hearing (3:3)
Pr. 309 or permission of instructor

An overview of neuroanatomy and neurophysiology with a concentration on neurological mechanisms related to speech, language and hearing.

Please refer to The Graduate School Bulletin *for additional graduate-level courses.*

Department of Communication Studies

College of Arts & Sciences

102 Ferguson Building
336/334-5297
www.uncg.edu/cst

FACULTY

P. M. Kellett, Associate Professor and Head of Department
Professor Schwartzman
Associate Professors Bracci, Jovanovic, Natalle, Poulos
Assistant Professors Carlone, Kinefuchi, LeGreco
Lecturers Cook, Cuny, Delk, Digh, Donahey, Fairfield-Artman, Ferguson, Gisclair, Goldberg, Manning, Steger, Wilde

Mission Statement

The mission of the Department of Communication Studies is to teach students the study of strategic and ethical uses of communication to build relationships and communities.

The curriculum is based solidly on our core values: (1) we teach theoretically grounded strategies for communication effectiveness in diverse contexts; (2) we teach ethical deliberation as a foundation for making informed choices; (3) we teach ways of understanding, improving, and contributing productively to changes in our personal, professional, and mediated relationships and communities.

The Department offers the B.A. in Communication Studies as well as an undergraduate minor. The M.A. degree is also offered in the department. For details on the graduate program see *The Graduate School Bulletin.*

The Department of Communication Studies offers required and elective courses that are designed to make productive use of differing learning styles among students: theoretical and applied, textual and experiential, topical and case study, course work and internships/service learning,

individual and groups/team based performances. A number of courses involve service learning to link communication, action, and academic study.

The Department of Communication Studies provides opportunities to study relational, group, workplace, and community communication. Communication courses contribute to a liberal education by teaching creative thinking and problem-solving, critical reasoning, and effective oral, written, and mediated communication. The faculty strongly believe in the interdisciplinary nature of communication, and this curriculum encourages elective course work be taken in allied disciplines such as African American Studies, Anthropology, Broadcasting and Cinema, Business, English, Philosophy, Political Science, Psychology, Sociology, and Women's and Gender Studies. Additionally the Department participates in Service-Learning, the Honors Programs administered by the Lloyd International Honors College, Writing Across the Curriculum (WAC) and Speaking Across the Curriculum (SAC) programs, and regularly offers freshman seminars. Opportunities also exist for Study Abroad (see p. 332) including exchanges in Europe. Communication Studies majors with a 3.0 GPA may apply to go abroad in the spring semester of their junior year to participate in the Intercultural Studies program at Vaxjo University in Vaxjo, Sweden. The program (taught in English) requires course work in socio-cultural theory, intercultural interactions, cultural analysis, and fieldwork, with optional study in basic Swedish.

The undergraduate program in Communication Studies is designed to serve as a solid foundation for a variety of professional and entrepreneurial careers; it also provides preparatory work for graduate studies in communication, as well as related fields such as law, business, media studies, and the ministry. Faculty and students in the Department of Communication Studies are actively involved in research, service, and consulting with community, state, regional, national, and international organizations and agencies.

Student Learning Goals

As a reflection of the mission statement, the UNCG general education goals, and in consultation with the National Communication Association, the Department of Communication Studies has the following student learning outcomes for the B.A. degree. At the completion of the major, the student should be able to:

- Speak effectively and ethically to a public.
- Utilize communication concepts and competencies to build relationships and/or community.
- Apply a communication perspective to identify and analyze social issues/problems.
- Engage communication scholarship using appropriate theory and research methods.

Criterion for Progression in the Major

Only grades of C- or better, taken in Communication courses, will count toward completion of a major in the Department.

Communication Studies Major (CMST)

Degree: Bachelor of Arts

Required: 122 semester hours, to include at least 36 hours at or above the 300 course level; minimum 2.0 GPA

AOS Code: U137

REQUIREMENTS

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
Historical Perspectives on Western Culture (GHP)	3
Mathematics (GMT)	3
Natural Sciences (GNS)	6–7
one must be a laboratory course; each must have a different departmental prefix	
Social and Behavioral Sciences (GSB)	6
Department specifies courses for:	
One additional GLT course *(student may select)*	3
Reasoning and Discourse (GRD)	6
ENG 101 or FMS 115 or RCO 101, and CST 105	

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers, at least one of which must carry the GN marker

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major.** All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major.** All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III College of Arts and Sciences Additional Requirements (CAR)

See pp. 89–91 for requirements and approved courses.

Historical Perspectives on Western Culture	3
either a GHP/GPM or GMO course	
Natural Sciences	3–4
one additional GNS/GLS or GPS course	
Social and Behavioral Sciences (GSB)	3
one additional GSB course	

Foreign Language (GFL) 0–12
intermediate-level proficiency in one language, demonstrated by placement test, or completion of course work through course number 204

Writing Intensive Courses (WI)
a total of four WI courses

IV Major Requirements (36 semester hours)

1. 15 s.h. to include :
   CST 105*, 200, 207, 210, and 300
2. 21 additional s.h. of CST electives at the 300 level or above

**CST 105 fulfills three (3) semester hours of GRD and serves as an SI course.*

V Related Area Requirements

No specific courses are recommended.

VI Electives

Electives sufficient to complete the 122 semester hours required for degree.

Honors in Communication Studies

Requirements

For Honors requirements, check with the departmental office and see Honors Programs information on pp. 213–216.

Communication Studies Minor

Required: minimum of 18 semester hours

A minor in Communication Studies consists of CST 200, and at least 15 semester hours of additional courses in the Communication Studies Program.

Communication Studies as a Second Academic Concentration for Elementary Education Majors

Required: 18 semester hours

1. Required core courses: 6 s.h. from either CST 105 or 200 and either 311 or 305
2. 12 s.h. from the following: CST 207, 210, 315, 344, 350, 599

Communication Studies as a Second Academic Concentration for Special Education Majors

Required: 24 semester hours

1. CST 105
2. CST 200 or CST 305
3. The following required courses (18 s.h.): CST 207, 210, 311, 344, 350, 599

COMMUNICATION STUDIES COURSES (CST)

GE Core denotes General Education Core credit; GE Marker denotes General Education Marker credit; CAR denotes College Additional Requirement credit.

Courses for Undergraduates

105 Introduction to Communication Studies (3:3)
GE Core: GRD

Introduction to the principles and skills for effective communication in the contexts of public speaking, interpersonal communication, and small group/team communication. Videotaping used to enhance personal growth.

200 Communication and Society (3:3:1)

Exploration of role and impact of communication in diverse communities. Ethical and social responsibilities of civic action are examined in the context of community problem solving. Includes service learning experience in a supervised setting.

207 Relational Communication (3:3)

Contemporary theory and practice of relational communication, with emphasis on increasing awareness of strategic and ethical uses of communication to build relationships.

210 Communication Ethics (3:3)

Provides students with an opportunity to think critically about ethical and moral dimensions of current practices in interpersonal, institutional, and public communication.

300 Communication Theory (3:3)
Pr. 105 and junior standing

Critical analysis and evaluation of scientific, rhetorical, and critical theories of communication. Emphasis on how theory assists us to understand, predict, and transform society.

305 Persuasion in Western Culture (3:3)
Pr. 105 and junior standing

Significant theories in persuasive communication from classical times to the present. Types of societies in which oratory flourishes. Critical analysis of selected speakers. Contemporary issues, including the ethics of persuasion.

308 Strategies in Organizational Communication (3:3)

Surveys of organizational communication theories, practices, and functions, as strategic communication that enable organizations to function both ethically and effectively, to achieve goals within communities.

311 Cooperative Argumentation (3:3)

Course content explores the theory and practice of collaborative argumentation. This includes analysis and deliberation over contemporary issues and training in reasoned, persuasive oral and written communications. (FALL)

315 Strategic Communication (3:3)

The course provides an overview of contemporary theories, philosophy, and practice of persuasive communication in personal, group, and mass media. Analyze and apply theories of persuasion and rhetorical patterns in messages and inquire into evaluative and ethical issues that can affect judgment.

333 Special Problems (1–3)
Pr. permission of faculty supervisor
- *May be repeated for credit.*

Guided individual study in an area of special interest to the student.

337 Intercultural Communication (3:3)

Drawing from multiple theoretical perspectives, this course explores theories, research, and issues important to the understanding of communication between people from different racial, ethnic, national, and other cultural backgrounds. (FALL)

341 Business and Professional Communication (3:3)

Foundation for achieving goals through communication in business and professional settings. Emphasis on oral competency within variety of contexts: public, interpersonal, interviewing, teams. Videotaping used for presentation improvement.

342 Communication and Public Relations (3:3)

Public relations and its function within society and the organization. Theoretical base and practical approaches to communicating with target publics.

344 Negotiation and Conflict Management (3:3)

Role and functions of negotiation in conflict management.

350 Small Group and Team Communication (3:3)

Theory and practice of small group/team communication, emphasizing student participation. Develops skills for leadership in small group/teams. Develops framework for analysis of effective small groups/teams.

390 Studies in Communication Across the Curriculum (3:3)

Pr. CST 105 or 341 (may be taken as a corequisite); 3.0 GPA in the student's major; written permission from the Speaking Across the Curriculum Center Director

Explores principles of Communication Across the Curriculum, applying them to interpersonal communication, listening, group communication, public speaking, and pedagogy to prepare Communication Consultants in UNCG's Speaking Intensive program.

399 Communication Research Methods (3:3)

Pr. 200, 207, 210, 300, 305

Theoretical examination and practical application of the philosophical, ideological, and processual bases for selecting, using, and evaluating methods of conducting and reporting communication research.

412 Communication Internship (3–6)

Pr. will vary; junior or senior status, and permission of instructor

- *Open to majors only.*
- *May be repeated for maximum of six (6) semester hours.*

Field learning experience using communication theory, research, and strategies in agencies and organizations within the larger community. (FALL & SPRING)

460 Special Topics in Communication Research (3:3)

Pr. permission of instructor

- *May be repeated for credit an unlimited number of times when topics vary.*

Seminar in applying communication theory and research to current topics.

493 Honors Work (3–6)

Pr. permission of instructor; 3.30 GPA in the major, 12 s.h. in the major

- *May be repeated for credit if the topic of study changes.*

499 Senior Project Seminar (3:3)

Pr. senior status and permission of instructor

"Capstone experience" for majors. Course explores the themes of strategies, ethics, relationships, and communities, in their academic experience.

Courses for Advanced Undergraduates & Graduate Students

502 The Semiotics of Everyday Life (3:3)

Pr. graduate status or permission of instructor

Language, meaning, and sign systems as communication process. Emphasis on projects to apply theoretical concepts from general semantics and semiotics to promote understanding of how humans symbolically construct reality.

506 Speaking Out for Community Change (3:3)

Pr. 305 recommended for undergraduates

Exploration of theory and practice in community advocacy. Focus on public deliberation, moral conflict, and community dialogue in value-laden topics and controversies. (FALL OR SPRING)

555 Relational Communication and the Hollywood Feature Film (3:2:3)

Pr. undergraduates: 207, 300 or 305, and upper division standing

Analysis and applicaton of images, discourses, and practices concerning human communication and relationships as they are represented in the powerful cultural medium of film. (ALT YEARS)

562 Organizational Change (3:3)

Pr. graduate status or permission of instructor

Instruction in communicating changes into existing organizations. Methods of creating a climate for change, diffusing new ideas and technologies, and assessing change consequences.

599 Communication Pedagogy (3:3)

Pr. graduate status or permission of instructor

Seminar focusing on the effect of communication upon learning. For graduate teaching assistants in any discipline, graduates or undergraduates interested in teaching or training. Emphasis on pedagogical principles and instructional materials.

Please refer to The Graduate School Bulletin *for additional graduate-level courses.*

Department of Computer Science

College of Arts & Sciences

320 Bryan Building
336/256-1112
www.uncg.edu/cmp

FACULTY

Robert Miller, Interim Head of Department
Professors Blanchet-Sadri, Sadri
Associate Professors Green, Suthaharan
Assistant Professor Fu
Lecturers Armstrong, Case, Fritz, Mohanarajah

The courses in the Computer Science Department are designed to teach the foundations of computing rather than a particular technology, so that the student is prepared to change with changing technology. Courses use the C++ programming language. Introductory courses use networked microcomputers; advanced courses use UNIX workstations. The job market in computer science is strong. A student completing a bachelor's degree with a strong academic record can expect job offers as a systems programmer or analyst, applications programmer, systems support staff member, technical staff member, or similar position. A computer science student completing a master's degree can expect job offers for senior level system programmer or analyst positions. Master's degree recipients who choose to continue their education experience will find the program at UNCG a well-respected platform for entry into Ph.D. programs.

Computer Science Major (CMPS)

Degree: Bachelor of Science

Required: 122 semester hours, to include at least 36 hours at or above the 300 course level

Available Concentrations and AOS Codes:

Computer Science, U180
Bioinformatics, U838

The B.S. degree in Computer Science program is accredited by the Computing Accreditation Commission of ABET.

Students must maintain a grade point average of at least 2.0 in the core courses, required electives, and required supporting discipline courses.

Because computer science courses change rapidly, it is recommended that the sequence 130, 230, 330 be completed within four (4) consecutive semesters.

REQUIREMENTS

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
Historical Perspectives on Western Culture (GHP)	3
Reasoning and Discourse (GRD) ENG 101 or FMS 115 or RCO 101, and one additional GRD course	6
Social and Behavioral Sciences (GSB)	6
Department specifies courses for:	
One additional GLT course *(student may select)*	3
Mathematics (GMT) required: MAT 191	3
Natural Sciences (GNS) required: PHY 291 or CHE 111, 112, and one additional GNS course with a different departmental prefix	7

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers, at least one of which must carry the GN marker

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major.** All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major.** All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III College of Arts and Sciences Additional Requirements (CAR)

See pp. 89–91 for requirements and approved courses.

Historical Perspectives on Western Culture either a GHP/GPM or GMO course	3
Natural Sciences one additional GNS/GLS or GPS course	3–4
Social and Behavioral Sciences (GSB) one additional GSB course	3
Foreign Language (GFL) intermediate-level proficiency in one language, demonstrated by placement test, or completion of course work through course number 204	0–12
Writing Intensive Courses (WI) a total of four WI courses	

IV Major Requirements

Computer Science Concentration

1. CSC 130, 230, 250, 261, 312, 330, 339, 340, 350, 490, 553, 562
2. CSC Electives: 12 additional s.h., selected from any CSC course at the 300 level or above

Bioinformatics Concentration

1. CSC 130, 230, 250, 261, 312, 330, 339, 340, 471, 490, 521, 526, 553, 562
2. CSC Elective: 3 s.h. selected from any CSC course at the 500 level (except 521, 526, 553, 562)

V Supporting Discipline Requirements

Computer Science Concentration

1. MAT 191*, 292, 293; one of STA 271 or STA 290
2. One of MAT 515, 531, 532, 541, 542, 556, STA 551, 552, 580

Bioinformatics Concentration

1. MAT 191*, 292, 293; one of STA 271 or 290; STA 580

**MAT 191 satisfies GMT.*

VI Science Requirements

Computer Science Concentration

1. Either PHY 291* and 292 or CHE 111*, 112*, 114, 115
2. At least 4 additional s.h. of science courses (BIO 111 recommended) selected from any course carrying credit toward a biology, chemistry, or physics major.

Bioinformatics Concentration

1. CHE 111*, 112*
2. BIO 111*, 112*, 392, 393

**BIO 111 or 112 satisfies GLS; CHE 111, 112, PHY 291 satisfy GNS.*

Computer Science Minor

Required: minimum of 15 semester hours (minimum of 9 hours in residence at UNCG)

The minor in computer science consists of at least 15 semester hours of work, chosen as follows:

1. CSC 130, 230, 250, 330
2. One of CSC 261, 339, 340

The Computer Science Minor requires three (3) to four (4) semesters to complete.

Honors in Computer Science

Requirements

For Honors requirements, check with the departmental office and see Honors Programs information in this chapter.

Career Skills Packages and Professional Certificate Programs

In addition, the Department of Computer Science offers career skills packages and certificate programs for majors outside the department. Majors in other departments of the College of Arts and Sciences may acquire a Career Skills Package in Computer Programming. Persons already holding a baccalaureate degree in a field outside the department may acquire a Professional Certificate in Computer Programming. Also see Career Skills Packages for Majors in the College of Arts and Sciences.

Career Skills Package in Computer Programming

Required: 13–16 semester hours

AOS Code: U910

This Career Skills Package prepares students for entry-level positions in computer programming. It requires 13–16 semester hours of courses and completion of an internship. If CSC 261 and CSC 350 are also taken, the program will prepare students to enter the M.S. in Computer Science program. This program is designed for current undergraduate students majoring in fields other than computer science. The program may be completed through day or evening classes.

Requirements

- MAT 150 (meets GMT requirement)
- CSC 130, 230, 250, 330
- One of CSC 261, 339, or 340
- Completion of an internship, with emphasis on computer programming, to be selected from: ATY 499, BIO 497, BCN 494, CHE 490, CCI 450, CST 412, ENG 401 or 402, ENV 399, GEO 495, PSC 399, SOC 499. Another internship can be substituted with permission of advisor. Department requirements for internships must also be met.

Professional Certificate in Computer Programming

Required: 19–25 semester hours

AOS Code: U920

This certificate program prepares students for entry-level positions in computer programming and also serves to prepare students to enter the M. S. in Computer Science program. This program is designed for post-baccalaureate students with degrees in fields other than computer science. The program may be completed through day or evening classes.

Requirements

- MAT 150
- CSC 130, 230, 250, 261, 330, 340, 350

COMPUTER SCIENCE COURSES (CSC)

Courses For Undergraduates

101 Introduction to Computer Concepts (3:3)

Introduction to computers and computing. Topics cover impact of computers on society, ethical issues, hardware, and software applications. (FALL & SPRING)

130 Introduction to Computer Science (3:2:2)

Pr. acceptable score on the computer science placement test or a grade of at least C (2.0) in MAT 150

Programming in a high-level language. Emphasis on problem analysis, problem-solving techniques, and software design principles and techniques. (FALL & SPRING)

230 Elementary Data Structures and Algorithms (3:3)

Pr. grade of at least C (2.0) in CSC 130

Advanced syntax of high level language taught in CSC 130. Emphasis on modularization and abstraction. Big-O analysis of algorithms. Design and use of abstract data types with various implementations. (FALL & SPRING)

237 Programming Language Laboratory (1–3; 1–3)

- *May be taken twice for credit with permission of the department head.*

Syntax and use of a programming language. Language covered announced at preregistration.

250 Foundations of Computer Science I (3:3)
Pr. grade of at least C (2.0) in both MAT 151 and CSC 130, or permission of instructor

An introduction to the fundamental ideas underlying contemporary computer science with a focus on the computation and construction of objects. (ALL)

261 Computer Organization and Assembly Language (3:3)
Pr. grade of at least C (2.0) in CSC 230 and in CSC 250, or permission of instructor

CPU, memory, I/O devices, digital logic design, psw. Number representations and machine language. Assembly language instruction types, registers, addressing, arithmetic, instruction format, opcodes, pseudo-opcodes, assembler directives, system calls, and macros. (FALL & SPRING)

312 Ethics in Computer Science (1:1)
Pr. grade of at least C (2.0) in CSC 230 and in CSC 250
- *Computer Science majors only.*
- *Grade: Pass/Not Pass (P/NP)*

Historical and social context of computing, ethical responsibilities of the computing professional, intellectual property rights, and risks and liabilities. (FALL & SPRING)

330 Advanced Data Structures (3:3)
Pr. grade of at least C (2.0) in CSC 230 and in CSC 250

Static and dynamic data structures emphasizing binary trees and graphs. Advanced programming techniques. Advanced sorting and searching algorithms. Hashing techniques. Performance analysis. Methods of developing large applications programs. (FALL & SPRING)

339 Concepts of Programming Languages (3:3)
Pr. grade of at least C (2.0) in CSC 330

Concepts of block-structured, object-oriented, functional, logic, and concurrent programming languages. Comparative study of syntactic and semantic features of these languages and writing programs using them. (SPRING)

340 Software Engineering (3:3)
Pr. grade of at least C (2.0) in CSC 330

Practical and theoretical concepts of software engineering. (SPRING)

350 Foundations of Computer Science II (3:3)
Pr. grade of at least C (2.0) in CSC 250, or permission of instructor

High level concepts in the theoretical foundations of computer science. (FALL)

471 Principles of Database Systems (3:3)
Pr. grade of at least C (2.0) in CSC 330, or permission of instructor

Contemporary database systems. Emphasis on query processing, design, and implementation of applications in relational (SQL) databases. Introduction to other database models such as XML, object-oriented, and deductive. (FALL)

490 Senior Project (3:3)
Pr. CSC 340 and senior standing, or permission of instructor

Application of classroom knowledge and skills in computer science to solve real-world problems and to develop research and development skills. (FALL & SPRING)

Courses for Advanced Undergraduates & Graduate Students

521 Computer Graphics (3:3)
Pr. grades of at least C (2.0) in CSC 340, CSC 350, and MAT 292, or permission of instructor

Survey of graphics algorithms, data structures, and techniques. (ODD SPRING)

522 Digital Image Processing (3:3)
Pr. grades of at least C (2.0) in CSC 330, CSC 350, and MAT 292, or permission of instructor. Successful completion of STA 271 or STA 290 recommended.

Image representation, enhancement, compression, coding, restoration, and wavelet transforms. (FALL)

523 Numerical Analysis and Computing (3:3)
Pr. grades of at least C (2.0) in CSC 130, CSC 350, and MAT 293, or permission of instructor

Number systems and errors, solutions of non-linear and linear systems, eigenvalue problems, interpolation and approximation, numerical differentiation and integration, solution of differential equations. (EVEN SPRING)

524 Numerical Analysis and Computing (3:3)
Pr. grade of at least C (2.0) in CSC 523

Continuation of 523 with special topics in numerical analysis, emphasis on applied mathematics. (ODD FALL)

526 Bioinformatics (3:3)
Pr. permission of instructor

Introduction to the problems and methods in Bioinformatics. Problem areas include restriction mapping, map assembly, sequencing, DNA arrays, and sequence comparison. (SPRING)

529 Artificial Intelligence (3:3)
Pr. grade of at least C (2.0) in CSC 330

Logical foundations, knowledge representation and reasoning, search and selected topics such as natural language processing and reasoning under uncertainty. (ODD SPRING)

539 Introduction to Compiler Design (3:3)
Pr. grades of at least C (2.0) in CSC 261 and CSC 330 or permission of instructor
- *Successful completion of CSC 553 helpful.*

Basic techniques of compiler design and implementation: lexical analysis, parsing, code generation. Sizable programming project implementing a compiler for a block-structured language with strong typing.

540 Human-Computer Interface Development (3:3)
Pr. grades of at least C (2.0) in CSC 330 and STA 271 or STA 290 or permission of instructor

Survey of concepts and techniques for human-computer interface development. Topics include user-centered design, user interface programming, and usability evaluation. (FALL)

550 Combinatorics on Words (3:3)
Pr. permission of instructor

Introduction to the problems and methods in algorithmic combinatorics on words. Problem areas include periodicity, primitivity, and borderedness.

553 Theory of Computation (3:3)
Pr. grade of at least C (2.0) in CSC 350, or permission of instructor

Finite state automata and regular expressions, context-free grammars, push-down automata and their use in parsing, overview of language translation systems, models for programming language semantics, computability and undecidability. (FALL)

555 Algorithm Analysis and Design (3:3)
Pr. grade of at least C (2.0) in CSC 330

Sequential algorithm design and complexity analysis. Dynamic programming. Greedy algorithms. Graph algorithms. Selected advanced topics from NP-completeness; approximation, randomized, parallel, number-theoretic algorithms; Fast Fourier Transform; computational geometry; string matching. (FALL)

561 Principles of Computer Architecture (3:3)
Pr. grades of at least C (2.0) in CSC 250, CSC 261, and CSC 330, or permission of instructor

Hardware and software components of computer systems, their organization and operations. Topics: comparative instruction set architectures, microprogramming, memory management, processor management, I/O, interrupts, and emulation of processors. (FALL)

562 Principles of Operating Systems (3:3)
Pr. grades of at least C (2.0) in CSC 261 and CSC 340, or permission of instructor
- *Successful completion of CSC 561 helpful.*

Techniques and strategies used in operating system design and implementation: managing processes, input/output, memory, scheduling, file systems, and protection. (SPRING)

563 Basic Systems Administration Laboratory (1:0:3)
Coreq. CSC 562 and CSC 567, or permission of instructor

Installing operating systems, peripherals, hardware, and software. Backups, recompiling the kernel (loading/unloading modules), providing Web services, and user administration. (FALL & SPRING)

564 Intermediate Systems Administration Laboratory (1:0:3)
Pr. grade of at least C (2.0) in CSC 563

Topics selected from routing, firewall, Primary Domain Controller, Backup Domain Controller, Domain Controller trust, SAMBA, DNS round robin, and PPP connectivity setup. (FALL & SPRING)

565 Advanced Systems Administration Laboratory (1:0:3)
Pr. grade of at least C (2.0) in CSC 564

Automated installation, software installation, systems programming, system administration in a large organization. Projects will include departmental or university computer system work. (FALL & SPRING)

567 Principles of Computer Networks (3:3)
Pr. grades of at least C (2.0) in CSC 261 and CSC 330, or permission of instructor

Hardware and software components of computer networks, their organization and operations. Topics: open system interconnection; local area networks; TCP/IP internetworking, routing, and packet switching; network programming. (SPRING)

568 Principles of Wireless Networks (3:3)
Pr. grades of at least C (2.0) in CSC 330 and CSC 567, or permission of instructor

Digitial communications, communication networks, wireless communication technology, wireless networking, wireless LANs, and wireless network programming. (SPRING)

580 Cryptography and Security in Computing (3:3)
Pr. grades of at least C (2.0) in CSC 330 and one of CSC 471, CSC 561, CSC 562, or CSC 567, or permission of instructor

Modern development of cryptography and secure encryption protocols. Program security and viruses. Operating system protection. Network and distributed system security. Database security. Administering security. (FALL)

583 Firewall Architecture and Computer Security (3:3)
Pr. grades of at least C (2.0) in CSC 567 and CSC 580, or permission of instructor

Firewall hardware and software technologies. Architectures, protocols and their applications. (SPRING)

593, 594 Directed Study in Computer Science (1–3), (1–3)
(FALL & SPRING)

Conflict Resolution

Master of Arts and Post-Baccalaureate Certificate Programs

The Graduate School

North Campus
5900 Summit Avenue
Brown Summit NC 27214
336/217-5100
Fax 336/217-5101
www.uncg.edu/grs/Conflict_Resolution

Cathie J. Witty, Director
Sherrill W. Hayes, Assistant Director

Please refer to The Graduate School Bulletin *for graduate-level courses.*

Department of Consumer, Apparel, and Retail Studies

School of Human Environmental Sciences

210 Stone Building
336/334-5250
www.uncg.edu/crs

FACULTY
Gwendolyn S. O'Neal, Professor and Chair of Department
Professor C. Dyer
Associate Professors Carrico, B. Dyer, Hodges
Assistant Professor Watchavesringkan
Instructor Ramsey

The Consumer, Apparel, and Retail Studies Department offers two major concentrations: Apparel Product Design and Retailing and Consumer Studies. These concentrations prepare students for positions with companies that focus on the process of concept to consumer for apparel and consumer-related products. Graduates may take positions in product design, product development, fashion trend forecasting and analysis, quality control, sourcing, merchandising, buying, and retail management.

During the first two years of study, students will complete the majority of their general education requirements and begin introductory consumer, apparel, and retailing courses. Because many students change majors early in their academic careers, the majority of consumer, apparel, and retailing courses are offered during the junior and senior years. An apparel product construction proficiency exam must be passed to progress in the concentration. Additionally, for both concentrations, a grade of C (2.0) or better must be earned in all courses in the major.

International exposure is built into the curriculum. Study of foreign languages is encouraged and international study experiences are possible. All majors take supporting courses

in the Bryan School of Business and Economics. All students in the Retailing and Consumer Studies concentration automatically earn a business minor by fulfilling their major and concentration requirements.

Internship experiences are required of all CARS students through a structured two-course sequence that includes a pre-internship class that prepares them both to find internships and to achieve successful internship experiences. The CARS Internship Program Coordinator structures and supervises internships to ensure quality experiences. Because of the proximity to North Carolina's strong apparel and retailing industries, the majority of students have internships within the state; however, the long-standing relationships between CARS and the apparel, fashion, and retailing industries link students to opportunities for out-of-state internships in such exciting places as New York City, Atlanta, and the West Coast.

Consumer, Apparel, and Retail Studies Major (CARS)

Degree: Bachelor of Science

Required: 122 semester hours, to include at least 36 hours at or above the 300 course level

Available Concentrations and AOS Codes:

Apparel Product Design, U538

Retailing and Consumer Studies, U539

Criteria for Progression in the Major

Only grades of C (2.0) or higher in CRS, APD, and RCS courses will count toward completion of the CARS major and concentrations. An apparel product construction proficiency exam must be passed to enroll in the Apparel Product Design Studio courses, beginning with APD 250.

REQUIREMENTS

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
One additional GLT, GFA, or GPR course	3
Historical Perspectives on Western Culture (GHP)	3
Department specifies courses for:	
Natural Sciences (GNS)	7
required: CHE 101 or 103, and CHE 110; and one additional GNS course with a different departmental prefix	
Reasoning and Discourse (GRD)	6
required: ENG 101 or FMS 115 or RCO 101, and CST 105	
Social and Behavioral Sciences (GSB)	6
required: SOC 101 or PSY 121, and CRS 321	
Mathematics (GMT)	3
required: MAT 115	

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Student may select courses for:

Global/Global Non-Western Perspectives (GL/GN)

Four (4) courses carrying GL/GN markers; at least one of which must carry the GN marker.

One Speaking Intensive (SI) Course

In addition to this SI Marker requirement, **students must also complete a second SI course within the major.** All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course

In addition to this WI Marker requirement, **students must also complete a second WI course within the major.** All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III Major and Related Area Requirements

Major Area Requirements

CRS 211, 231, 255, 312, 321, 331, 332, 463, 481; APD 242

Apparel Product Design Concentration Required Courses

APD 250, 342, 443, 444, CRS 372. An apparel product construction proficiency exam must be passed to enroll in the Apparel Product Design Studio courses, beginning with APD 250.

Retailing and Consumer Studies Concentration Required Courses

RCS 261, 361, 362, 464, 484, 560

Related Area Requirements for Both Concentrations

ACC 201; CHE 101 or 103, and 110; CST 105; ISM 110; MAT 115; PSY 121 or SOC 101; 3 s.h. of MGT from 200, 309, 312, 330, or 354

Related Area Requirements for Retailing and Consumer Studies Concentration

ECO 101 or 201, and 250; MKT 320

IV Electives

Apparel Product Design Concentration

- Four (4) required electives to be taken in the CARS major
- One required elective from MKT, MGT, or ECO
- Remaining electives sufficient to complete total semester hours required for degree

Retail and Consumer Studies Concentration

- Four (4) required electives to be taken in the CARS major
- One required elective from MKT, MGT, or ECO to complete the requirements for a minor in Business
- Remaining electives sufficient to complete total semester hours required for degree

Retailing and Consumer Studies Minor

Required: minimum of 15 semester hours

Majors in programs outside of the Consumer, Apparel, and Retail Studies Department may elect a minor in Consumer, Apparel, and Retail Studies by completing 15 semester hours, one course of which must be at the 500 level. Required courses (9 hours) for the minor are CRS 231, 255, and 261; the remaining courses can be selected from the following, provided prerequisites are met: RCS 361, 362, 464, 484, 560, or CRS 312, 321, 372, 463, 530, 562.

APPAREL PRODUCT DESIGN COURSES (APD)

GE Core denotes General Education Core credit; GE Marker denotes General Education Marker credit; CAR denotes College Additional Requirement credit.

Courses for Undergraduates

242 Design Principles Applied to Textile Products (3:3)
Pr. grade of C (2.0) or better in CRS 231 or its equivalent as determined by the instructor

Application of the elements and principles of design to analysis of textile products and solution of design problems. Emphasis on textile product design evaluations through verbal and written communications. (Formerly TDM 242)

244 Visual Communication for the Textile Products Industry (3:2:3)
Pr. grade of C (2.0) or better in 242 or its equivalent as determined by the instructor

Survey of industry methods for communicating design concepts and presenting finished products. Emphasis is on use of media and development of techniques for rendering fabrics and textile product designs. (FALL) (Formerly TDM 244)

250 Product Design Studio I: Process & Structure (3:2:3)
Pr. MAT 115, grade of C (2.0) or better in APD 242 and CRS 211, and passing the Apparel Product construction proficiency exam

Introduction to the apparel design process. Introduction to basic flat pattern, draping, and fitting principles. Theories and methods in designing apparel for various target markets. (SPRING) (Formerly TDM 250)

251 Principles of Apparel Evaluation (3:3)
Pr. grade of C (2.0) or better in CRS 211, 231 or their equivalents as determined by the instructor

An examination and evaluation of ready-to-wear apparel including terminologies, production techniques and price/quality relationships. (FALL) (Formerly TDM 251)

341 Apparel Design Techniques (3:2:3)
Pr. grade of C (2.0) or better in APD 250 or equivalent as determined by the instructor

Development of apparel designs by flat pattern techniques and original design process. (FALL) (Formerly TDM 341)

342 Product Design Studio II: Process & Structure (3:2:3)
Pr. overall grade of C (2.0) or better in APD 250 or permission of instructor

Development of the design process for apparel and related product design. Emphasis on designing for specific target markets. Advanced principles and methods of developing patterns for the body, including advanced flat pattern, draping, and fitting principles. Use of CAD tools for pattern development. (FALL) (Formerly TDM 342)

441 Computer Applications for Textile Products (3:2:3)
Pr. ISM 110, grade of C (2.0) or better in APD 244 or its equivalent as determined by the instructor

Utilization of general graphics programs and CAD systems used extensively in the fashion industry to create digital presentation boards, fashion graphics, woven and print textile designs, and technical specification packages. (Formerly TDM 441)

443 Product Design Studio III: Creative and Experimental Design (3:2:3)
Pr. grade of C (2.0) or better in APD 342 or by permission of instructor

Principles and methods of product design with an emphasis on creative and experimental approaches. Development of visual vocabulary and knowledge of trend prediction to generate design ideas. Use of diverse materials and structures for three-dimensional design. (SPRING) (Formerly TDM 443)

444 Product Design Studio IV: Technical Design (3:2:3)
Pr. grade of C (2.0) or better in APD 443 or by permission of instructor; senior majors only.

Analysis and improvement of apparel fit, specification development, and quality. Process of costing, development of technical design, as well as understanding of sizing systems and specific markets in product design. (FALL) (Formerly TDM 444)

452 Textile Products Production Management (3:3)
Pr. grade of C (2.0) or better in CRS 211, 231, and 312, or their equivalents as determined by the instructor or permission of the instructor

Overview of management issues in textile product production including raw material selection and evaluation, computer integration, equipment selection, planning production, costing, and quality control. Several manufacturing systems are analyzed. (SPRING) (Formerly TDM 452)

Courses for Advanced Undergraduates & Graduate Students

545 Experimental Product Design (3:2:3)
Pr. grade of C (2.0) or better in APD 444, or its equivalent as determined by the instructor, or permission of the instructor

Experimentation with a variety of materials to create apparel using both traditional and innovative methods. Emphasis on design development and originality. Investigation of various specialty markets for apparel design. (SPRING) (Formerly TDM 545)

Please refer to The Graduate School Bulletin *for additional graduate-level courses.*

CONSUMER, APPAREL, AND RETAIL STUDIES COURSES (CRS)

GE Core denotes General Education Core credit; GE Marker denotes General Education Marker credit; CAR denotes College Additional Requirement credit.

Courses for Undergraduates

121 Culture, Human Behavior, and Clothing (3:3)
GE Marker: GN

Interaction of clothing and textiles with the individual and society: sociological and psychological implications for non-western cultures. (Formerly TDM 121)

211 Textile Science: From Fiber to Finish (3:3)
Principles of textile science with emphasis on fiber chemical composition, physical structure, and properties; analyses of yarn and fabric structures and properties; and fundamentals of coloration and finishing. (Formerly TDM 211)

231 Introduction to Apparel and Consumer Retailing: From Concept to Consumer (3:3)
Interaction of the consumer with apparel, retail, and associated industries. Overview of industry processes from raw material to consumption for apparel and other consumer products. Career opportunities explored. (Formerly TDM 231)

255 Consumer Survival: Coping with Rights and Responsibilities (3:3)
Study of consumers and consumer choices, big and small, right and wrong, in today's complex, ever-changing marketplace. Consumer rights, responsibilities, and diversity considered. Basis for informed and wise consumer decisions. (FALL & SPRING)

312 Quality Analysis of Consumer Goods (3:2:3)
Pr. CHE 101 or 103 and CHE 110 or permission of instructor
Overview of the physical structure and properties of fiber, yarns, fabric, and apparel. Examination and evaluation of ready-to-wear apparel and related consumer goods from a consumer perspective. (Formerly TDM 312)

321 Social Psychology of Dress (3:3)
GE Core: GSB
Pr. grade of C or better in SOC 101 or 341 or PSY 121 or their equivalents as determined by the instructor
Social and cognitive processes related to the meanings people assign to clothing cues when perceiving one another. Focus on appearance-related stereotypes: age, gender, physical attractiveness, status, and ethnicity. (SPRING) (Formerly TDM 321)

331 Pre-internship: Consumer, Apparel, and Retail Industries (3:3)
Pr. 12 s.h. in the major; application required
Guidance and preparation for relevant and successful internship experiences in the major. Emphasis on professional norms and behavior. Examination of processes, content, requirements, and options for self-directed learning opportunities. (SPRING) (Formerly TDM 461)

332 Internship: Consumer, Apparel, & Retail Industries (6:35:5)
Pr. 18 s.h. in major; overall GPA of 2.20; application required.
- *May not be taken concurrently with CRS 331.*

Campus-monitored, structured internship experiences in off-campus businesses, minimum 300 supervised clock hours. Application and development of professional skills relevant to the consumer, apparel, and retail industries. (SUMMER) (Formerly TDM 462)

372 Survey of Historic Costume (3:3)
GE Core: GHP CAR: GMO
Survey of historic costume from prehistory to present, with emphasis on social, economic, and political events as well as various cultures that have influenced modern dress. (FALL) (Formerly TDM 372)

400 Special Problems in Consumer Apparel and Retail Studies (1–4)
Individual study. Conference hours to be arranged. (Formerly TDM 400)

401 Supervised Professional Experience (1–4:0:3–12)
Internship with selected commercial or industrial organizations, public or private agencies in accordance with the major course of study. (TDM 500 prior to fall 2004; TDM 401 during 2004–05)

463 Global Sourcing of Apparel and Related Consumer Products (3:3)
Pr. grade of C (2.0) or better in CRS 231, 312, 321; junior or senior standing or permission of the instructor
Sourcing strategies for apparel and related consumer products, global platforms, business and cultural environments, and financial transactions used in conducting business in the international marketplace. (Formerly TDM 463)

481 Contemporary Professional Issues in Consumer, Apparel, and Retail Studies (3:3)
Pr. senior majors
Study of contemporary issues related to consumer, apparel, and retail studies. Application of knowledge and skills to solve real world industry problems. (SPRING) (Formerly TDM 581)

482 Special Problems in Consumer, Apparel, and Retail Studies (1–4)
Individual study. Conference hours to be arranged. (Formerly TDM 482)

493 Honors Work (3–6)
Pr. permission of instructor; 3.30 GPA in the major, 12 s.h. in the major
- *May be repeated for credit if the topic of study changes.*

(Formerly TDM 493)

Courses for Advanced Undergraduates & Graduate Students

513 Apparel and Related Consumer Products Analysis and Standards (3:3)
Pr. grade of C (2.0) or better in CRS 312 or permission of the instructor
Process of developing and analyzing product standards as they relate to consumers, industry, and international trade. Analysis of products in relation to existing or proposed standards. (ALT SPRING) (Formerly TDM 513)

530 Economics of the Textile and Apparel Complex (3:3)
Pr. grade of C or better in ECO 201 or its equivalent as determined by the instructor or graduate standing or permission of instructor
Economics and social aspects of production, distribution, and utilization of apparel and textiles. (Formerly TDM 530)

563 Analysis of Apparel and Related Industries (3:3)
Analysis of apparel and related industries from raw materials through consumption. Examination of production and marketing of products, technological developments, and domestic and global market strategies. (SUMMER) (Formerly TDM 563)

582 Problems in Consumer, Apparel, & Retail Studies (2–6)
Individual study. (Formerly TDM 582)

Please refer to The Graduate School Bulletin
for additional graduate-level courses.

RETAILING AND CONSUMER STUDIES COURSES (RCS)

GE Core denotes General Education Core credit; GE Marker denotes General Education Marker credit; CAR denotes College Additional Requirement credit.

Courses for Undergraduates

261 Introduction to Consumer Retailing (3:3)

Overview of consumer and apparel retailing, focusing on basic retail principles. Analysis of retail interfaces with special emphasis on fashion retailing and related consumer products. Career opportunities investigated. (Formerly TDM 261)

361 Fundamentals of Retail Buying and Merchandising (3:3)

Pr. grade of C or better in MAT 115, CRS 231, RCS 261, or their equivalents as determined by the instructor or permission of instructor

Investigation of the roles and responsibilities of buyers and managers in retail operations. Fundamentals of merchandise mathematics and buying. (SPRING) (Formerly TDM 361)

362 Integrated Marketing Communications for Apparel and Consumer Retailing (3:3)

Integrated marketing communication approach to consumer, apparel, and retailing communication issues. Special emphasis put on professional oral and visual communication of advertising and promotional concepts. (FALL) (Formerly TDM 362)

464 Multicultural and Multichannel Retailing (3:3)

Pr. RCS 261, 361

Investigation of consumer benefits offered by multichannel retailing of apparel and related consumer products. Focus on the importance of culture to successful retailing to diverse consumer groups in the United States. (SPRING) (Formerly TDM 464)

484 Retail Strategy (3:3)

Pr. RCS 464

Investigation of retailing from a strategic perspective. Concepts are analyzed and integrated into applied problem-solving scenarios focused on consumer needs. (FALL) (Formerly TDM 484)

Courses for Advanced Undergraduates & Graduate Students

560 Apparel & Related Consumer Products Marketing (3:3)

Pr. grade of C (2.0) or better in RCS 261, or permission of the instructor

An intensive analysis of marketing principles applied to the textile products industry. (FALL) (Formerly TDM 560)

562 Behavior of Soft Lines Consumers (3:3)

Pr. grade of C (2.0) or better in CRS 321 or permission of instructor

Study of environmental, individual, and psychological influences on behavior of consumers during the soft lines consumption process. (SPRING) (Formerly TDM 562)

Please refer to The Graduate School Bulletin *for additional graduate-level courses.*

Department of Counseling & Educational Development

School of Education

228 Curry Building
336/334-3423
www.uncg.edu/ced

FACULTY

L. DiAnne Borders, Professor and Chair of the Department
Professors Benshoff, Cashwell, Myers
Assistant Professors Lewis, Milsom, Mobley, Murray, Paladino, Villalba, Wester
Adjunct Professors Clawson, Disque, Foreman, Wiles

The Counselor Education program at UNCG adheres to the scientist problem-solver model of training. Consistent with this approach is the program's goal of graduating students who have knowledge of basic counseling, possess a high level of competency in providing professional services, and have the skills necessary to conduct research. The tenets underlying the program include (a) exposure to a variety of theoretical orientations for counseling, (b) reliance on both the clinical-counseling and vocational-education approaches in designing counseling and programmatic interventions, (c) a commitment to developing the student's skills as a researcher, and (d) an emphasis on developing the normal developmental issues of the individual as opposed to an approach based on pathology.

Counseling and Educational Development Degrees

Degrees offered—Master of Science (M.S.), Dual Degrees Master's and Educational Specialist (M.S. and Ed.S.), Doctor of Education (Ed.D.), Doctor of Philosophy (Ph.D.)

There are no undergraduate areas of study offered by this department.

COUNSELING AND EDUCATIONAL DEVELOPMENT COURSES (CED)

Courses for Undergraduates

210 Career/Life Planning (3:3)

Introduction to career/life planning; knowledge of career development theories and decision-making theories; emphasis on collecting information related to the world of work and relating this information to the individual.

310 Helping Skills (3:3)

Pr. advanced undergraduates in appropriate major.

Skills useful for facilitating helping relationships. Practical model for counseling and learning about helping by practicing the helping skills.

Courses for Advanced Undergraduates & Graduate Students

506 Institutes in Education (1–3)

- *Students may apply no more than three (3) semester hours of this course to any degree program.*
- *Grade: Satisfactory/Unsatisfactory, S/U.*

Practicum or workshop experiences to focus on issues, problems, or approaches in the profession.

574 Contemporary Topics in Counseling (3:3)

Pr. advanced undergraduates in appropriate major

- *May be repeated for credit when topics vary.*

Designed to study issues, problems, and new approaches in helping relationships. Emphasis placed on current topic(s) of interest.

Please refer to The Graduate School Bulletin *for additional graduate-level courses.*

Department of Curriculum and Instruction

School of Education

336 Curry Building
336/334-3437
www.uncg.edu/cui

FACULTY

Samuel D. Miller, Professor and Chair of Department
Professors Baber, Duffy, Fairbanks, Goldman, Levin, Matthews, Schunk, Uprichard
Associate Professors Carlone, Cooper, Johnston, Taub
Assistant Professors Ayers, Faircloth, He, Vetter

Undergraduate majors in this department are prepared to receive the North Carolina Standard Professional I License for teaching in public schools, grades K–6 and 6–9. The majors in this department include Elementary (K–6) and Middle Grades (6–9) Education.

Elementary and Middle Grades Education majors progress through their professional studies in Inquiry Teams of about 25 students under the guidance of a university instructor, who serves as their field supervisor, academic advisor, and weekly seminar leader. Students assigned to an Inquiry Team take all Elementary or Middle Grades methods courses together and do 10-hour per week internships in Professional Development Schools. Three internships are required prior to student teaching. New Inquiry Teams begin in the fall semester and continue for four consecutive semesters.

Student Learning Goals

Student Learning Goals are consistent with standards set forth by the National Council for the Accreditation of Teacher Education (NCATE) programs at www.ncate.org, the Interstate New Teacher Assessment and Support Consortium (INTASC) at www.ccsso.org/intascs.html, the National Educational Technology Standards at www.iste.org, and the North Carolina Department of Public Instruction at their Web site www.ncpublicschools.org.

Admission to the Teacher Education Program and to the Elementary or Middle Grades Education Majors

Admission to the University does not guarantee admission to Teacher Education with a major in the Department of Curriculum and Instruction.

The School of Education's Department of Curriculum and Instruction reserves the right to refuse admission where additional enrollments would threaten the academic quality of classes or programs. The size of each junior class coming into Elementary or Middle Grades Education is determined by the availability of instructors for student practicum and student teaching experiences. Therefore, it may not be possible to assure space for each student who meets the quantitative criteria for admission to the major as specified above. Interviews and/or other qualitative criteria will be implemented in such instances.

In addition to admission to teacher education (see **Teacher Education**), a student who seeks admission to the Elementary or Middle Grades Education major is expected to achieve:

1. A minimum grade point average (GPA) of 2.75;
2. A grade of C or better in CUI 250;
3. Completion of all courses needed to fulfill the General Education Requirements; and
4. Satisfactory scores on the Professional Assessment for Beginning Teachers (Praxis series).

Admission to Student Teaching

The department has specific grade point average expectations and performance criteria to remain active in the program. Please contact the department office for this information.

Second Academic Concentration Requirement

All students majoring in Elementary Education are required to complete an approved second academic concentration of at least 18 semester hours in a basic academic discipline or in an approved interdisciplinary studies program, although some departments (e.g., French and Spanish) have a 24 hours requirement. Depending upon the concentration selected, a maximum of six (6) hours may be counted toward the General Education Core requirements as well as toward the concentration. All students majoring in Middle Grades Education must complete 24 hours in one of four middle-level content fields: Language Arts, Mathematics, Science, or Social Studies plus an additional concentration of 15 hours in one of these four areas.

Elementary Education Major with K–6 Teacher Licensure (ELED)

Degree: Bachelor of Science

Required: 122 semester hours, to include at least 36 hours at or above the 300 course level

AOS Code: U251

REQUIREMENTS

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
One additional GLT, GFA, or GPR course	3
Historical Perspectives on Western Culture (GHP)	3
Mathematics (GMT)	3
Natural Sciences (GNS)	6–7
one must be a laboratory course; each must have a different departmental prefix	
Reasoning and Discourse (GRD)	6
ENG 101 or FMS 115 or RCO 101, and one additional GRD course	
Department specifies courses for:	
Social and Behavioral Sciences (GSB)	6
required: HDF 302 and PSY 121	

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers, at least one of which must carry the GN marker

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major**. All programs have identified at least one course among their major requirements that is taught as Speaking Intensive (see CUI 400).

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major**. All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III Major Requirements (42 semester hours)

CUI 250 (prerequisite for admission to the major)
CUI 320, 346, 350, 360, 370, 375*, 380, 400*, 420
CUI 461 (taken last semester of program)

**CUI 375 is taught as Writing Intensive (WI); CUI 400 is taught as Speaking Intensive (SI).*

IV Teacher Licensure Requirements

1. ELC 381
2. HDF 302
3. ART 367; MUS 361; DCE 345 or THR 396
4. HEA 341
5. ESS 341

V Second Academic Concentration Requirements (18 semester hours)

All students majoring in Elementary Education are required to complete an approved second academic concentration consisting of 18 hours in a basic academic discipline or in an approved interdisciplinary studies program. Depending upon the concentration selected, a maximum of six (6) hours may be counted toward the General Education Core requirements as well as toward the concentration. The following 18-hour interdisciplinary academic concentrations have been approved for Elementary Education: American Studies, Art, Diversity Studies, Environmental Education, Global Studies, Language and Communication, and Science. The following 18-hour second academic concentrations have been approved: Anthropology, Art (Art History or Studio Art), Classical Studies (Latin or Greek), Communication Studies, English, Geography, German, History, Mathematics, Philosophy, Physics and Astronomy, Political Science, Psychology, Religious Studies, and Sociology. The following 24-hour second academic concentrations have been approved: French, Spanish.

VI Electives

Electives sufficient to complete the 122 semester hours required for the degree. Electives should increase students' knowledge in general education and in a content field (such as psychology or multicultural education).

Elementary Education and Special Education Dual Major (SPEL)

Degree: Bachelor of Science

Required: 127 semester hours

AOS Code: U252

The Departments of Curriculum and Instruction and Specialized Education Services are offering a dual major in elementary education and special education. Students completing the dual major will have initial licensure in elementary education K–6 and special education: general curriculum K–12. Students must be admitted to the teacher education program during the fall of their sophomore year and will begin professional course work spring of the sophomore year.

The 127-semester-hour dual major in elementary education and special education follows the admission guidelines to the School of Education teacher programs regarding (a) achievement of minimum passing score requirements set forth by the North Carolina Department of Public Instruction of the Professional Assessment for Beginning Teachers (Praxis I); (b) the recommendation of the departments; and (c) completion of at least 12 semester hours at UNCG [waived for transfer students who meet GPA requirements, have departmental recommendation, and have passed the Professional Assessment for Beginning Teachers (Praxis I)].

Additional departmental requirements include (a) a grade of C or better in either CUI 250 or SES 250 and (b) completion of all courses needed to fulfill the UNCG general education requirements (GEC). A minimum 3.0 GPA is required for admission.

Admission to Student Teaching

3.0 or better GPA, recommendation of departments, and C (2.0) or better in professional courses.

REQUIREMENTS

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	6
Philosophical, Religious, Ethical Principles (GPR)	3
Historical Perspectives on Western Culture (GHP)	3
Mathematics (GMT)	3
Natural Sciences (GNS)	6–7
one must be a laboratory course; each must have a different departmental prefix	
Reasoning and Discourse (GRD)	6
ENG 101 or FMS 115 or RCO 101, and one additional GRD course	
Department specifies courses for:	
Social and Behavioral Sciences (GSB)	6
required: HDF 302 and SOC 121	

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers, at least one of which must carry the GN marker

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major**. All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major**. All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III Major Requirements

Elementary Education

33 s.h. to include CUI 250 or SES 250, CUI 320, 346, 350, 360, 370, 380, 400, 420, 461**

Special Education

34 s.h. to include SES 252, 350A, 350C, 360, 447, 460, 465**, 466, 469, 471, 472

***Students will student-teach for a total of 12 semester hours Ten weeks in an elementary education setting that enrolls students with identified disabilities and six weeks in a secondary special education setting is required.*

IV Teacher Licensure Requirements

1. ART 367
2. DCE 345 or THR 315
3. ELC 381
4. ESS 341
5. HDF 302
6. HEA 201 or 341
7. LIS 120
8. MUS 361

V Electives

Electives sufficient to complete the 127 semester hours required for the degree.

Middle Grades Education Major (MDED) with 6–9 Teacher Licensure

Degree: Bachelor of Science

Required: 122 semester hours, to include at least 36 hours at or above the 300 course level

AOS Code: U254

REQUIREMENTS

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
One additional GLT, GFA, or GPR course	3
Historical Perspectives on Western Culture (GHP)	3
Mathematics (GMT)	3
Natural Sciences (GNS)	6–7
one must be a laboratory course; each must have a different departmental prefix	
Reasoning and Discourse (GRD)	6
ENG 101 or FMS 115 or RCO 101, and one additional GRD course	
Department specifies courses for:	
Social and Behavioral Sciences (GSB)	6
required: HDF 303 and PSY 121	

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers, at least one of which must carry the GN marker

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major**. All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course

In addition to this WI Marker requirement, **students must also complete a second WI course within the major**. All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III Major Requirements (36 semester hours)

CUI 250 (prerequisite for admission to the major)

CUI 335, 350, 375, 400, 442, 462

Two methods courses to match concentrations (CUI 518, 519, 520)

IV Licensure Requirements

1. ELC 381
2. HDF 303
3. HEA 341 or 201

V Second Academic Concentration Requirements (27 semester hours)

Students must complete a coherent course of study (interdisciplinary) of 27 semester hours in one of four middle-level content fields: Language Arts, Mathematics, Science, or Social Studies. The 27 hours must follow the requirements designated in each field, as listed in the Middle Grades Second Academic Concentrations.

VI Additional Concentration (minimum 15 semester hours)

Students also must complete an additional concentration of 15 semester hours in one of four areas: Communication Skills, Mathematics, Science, or Social Studies. Specific courses will be approved by the student's advisor to fulfill North Carolina Licensure requirements.

Dual certification in elementary and middle grades education is available under advisement.

VII Electives

Electives sufficient to complete the 122 semester hours required for the degree. Electives should increase students' knowledge in general education and in a content field (such as psychology or multicultural education).

CURRICULUM AND INSTRUCTION COURSES (CUI)

Courses for Undergraduates

120 Introduction to Instructional Technology for Educational Settings (1:1:1)

- *For students seeking initial North Carolina teaching licensure in any area.*
- *Students may not receive credit for both CUI 120 and LIS 120.*

Provides an introduction to instructional technology, knowledge, and skills for classroom settings. (FALL & SPRING & SUMMER) (Same as LIS 120)

198 Freshman Teaching Fellows Seminar I (1:1)

Pr. North Carolina Teaching Fellow

This course is designed to assist first-year Teaching Fellows into the academic and social systems of higher education and provide an introduction to the field of public school education. (FALL)

199 Freshman Teaching Fellows Seminar II (1:1)

Pr. North Carolina Teaching Fellow

This course is designed to assist first-year Teaching Fellows into the academic and social systems of higher education and provide an introduction to the field of public school education. (SPRING)

202 Human Development (3:3)

- *Required for Middle Grades Education Majors.*

Introduction to current knowledge about human growth and development from adolescence to old age and death. Designed to contribute to student's general education as well as to subsequent professional development. (FALL)

250 Teaching as a Profession (3:3:2)

Pr. minimum 24 s.h. completed

A study of traditional and contemporary perspectives on teaching and learning; analysis of contemporary educational issues from teachers' perspectives; exploration of personal needs and goals in relation to teaching. Field experience in schools required. (FALL & SPRING & SUMMER)

298 Sophomore Teaching Fellows Seminar I (1:1)

Pr. North Carolina Teaching Fellow

This course is designed to assist sophomore Teaching Fellows in exploring their beliefs about teaching with emphasis on cultural, legal, and ethical dimensions of teaching in schools. (FALL)

299 Sophomore Teaching Fellows Seminar II (1:1)

Pr. North Carolina Teaching Fellow

This course is designed to assist sophomore Teaching Fellows in exploring their beliefs about teaching with emphasis on cultural, legal, and ethical dimensions of teaching in schools. (SPRING)

320 Language Arts Education (3:3:3)

Pr. admission to Elementary Education

Curriculum and teaching strategies in the Language Arts with emphasis on the interrelatedness of all language processes: reading, writing, listening, and speaking. (SPRING)

335 Integrated Reading Instruction (3:3:3)

Pr. admission to Middle Grades Education

A study of reading and writing processes, ways to integrate reading and writing instruction in the content areas, ways to promote higher literacy among all of their students. (ODD FALL)

346 Children's Literature and Instructional Media (3:3:3)

Pr. admission to Elementary Education

Multimedia approach to literature for children; functions and use in the elementary curriculum with emphasis on integration of literature into the curriculum. (FALL)

350 Internship I: Inquiry in Teaching and Learning (3:2:4)

Pr. admission to Elementary or Middle Grades Education

Supervised in-school internship and on-campus seminar focused on applying research-based principles from educational psychology and classroom management to teaching and learning. (FALL)

360 Elementary Social Studies Education (3:3:3)

Pr. admission to Elementary Education major

An examination of curriculum, instruction, and learning in K–6 social studies education. Emphases include development of the social studies; curricular principles and components; teaching strategies; and learner outcomes. (FALL)

370 Science Education in the Elementary School (3:3:3)

Pr. CHE 101, GEO 103, PHY 205, or equivalents

Curriculum and teaching techniques in science for undergraduate prospective elementary school teachers (K–6) with emphasis on problem solving and critical thinking abilities. (FALL)

375 Internship II: Inquiry in Teaching and Learning (3:2:4)
Pr. admission to Elementary Education major

Supervised in-school internship and on-campus seminar focused on applying research-based principles from educational psychology and classroom management to teaching and learning. (SPRING)

380 Mathematics Education (3:3:3)
Pr. admission to Elementary/Middle Grades Education

Provides for the development of knowledge and skills necessary to prepare students to teach mathematics in elementary/middle school classrooms. (SPRING)

398 Junior Teaching Fellows Seminar I (1:1)
Pr. North Carolina Teaching Fellow

This course is designed to assist junior Teaching Fellows in exploring the community aspects of teaching to diversity. (FALL)

399 Junior Teaching Fellows Seminar II (1:1)
Pr. North Carolina Teaching Fellow

This course is designed to assist junior Teaching Fellows in exploring the community aspects of teaching to diversity. (SPRING)

400 Internship III: Inquiry in Teaching and Learning (3:2:4)
Pr. admission to Elementary Education major

Supervised in-school internship and on-campus seminar focused on multicultural education teaching to diversity, and understanding the classroom as culture. (FALL)

420 Reading Education (3:3:3)
Pr. admission to Elementary Education

Curriculum and teaching strategies with emphasis on reading/writing connections, corrective reading, and differentiated instruction. (FALL)

442 Teaching and Learning in the Middle Grades (3:3:3)
Pr. 250

Students will explore the developmental needs of early adolescents, analyze educational practices designed to meet those needs and investigate issues identified in internship experiences. (EVEN FALL)

450 Psychological Foundations of Education (3:3)

Designed to develop and demonstrate application of knowledge and understanding of the processes and methods of learning and teaching in respective school settings. Includes study of learner's growth and maturation, individual differences, and application of psychology to task of the teacher in evaluating pupil progress. Classroom observation and simulated experiences emphasized. Appropriate emphasis on adolescent. (FALL OR SPRING OR SUMMER)

461 Student Teaching and Seminar: Elementary Grades (12)
Pr. permission of department chair
- *Grade: Pass/Not Pass (P/NP)*

Supervised student teaching in an elementary setting (grades K–6) under direction of a cooperating teacher with University supervision. Full-time teaching assignment in cooperating schools for a full semester. Conferences and seminars required. (SPRING)

462 Student Teaching and Seminar: Middle Grades (12)
Pr. permission of department chair
- *Grade: Pass/Not Pass (P/NP).*

Supervised student teaching in a middle grades setting (grades 6–9) under direction of a cooperating teacher with University supervision. Full-time teaching assignment in cooperating schools for a full semester. (SPRING)

465 Student Teaching and Seminar: Secondary School (12)
Pr. admission to Student Teaching

Supervised student teaching in senior high school under direction of University supervisor. Observation, participation, and appropriate classroom teaching experience on a full-time teaching assignment for full semester with weekly seminar. (SPRING)

470 Reading Education for Secondary and Special Subject Teachers (2:2)
Pr. admission to teacher education or permission of instructor

Designed to prepare secondary and special subject teachers to deal with students who exhibit a variety of reading abilities. Emphasis placed upon understanding scope of public school reading endeavors as well as teaching practices that can be generalized to a variety of instructional settings. Work with materials for student's major area required. (FALL OR SPRING OR SUMMER)

491 Independent Study (1–3)
Pr. permission of instructor

Guided readings, research, or individual project work under direction of a staff member.

493 Honors Work (3–6)
Pr. permision of instructor; 3.30 GPA in the major, 12 s.h. in the major
- *May be repeated for credit if the topic of study changes.*

498 Senior Teaching Fellows Seminar I (1:1)
Pr. North Carolina Teaching Fellow

This course is designed to assist senior Teaching Fellows in synthesizing learnings from prior Teaching Fellows seminars and preparing for positions in public schools. (FALL)

499 Senior Teaching Fellows Seminar II (1:1)
Pr. North Carolina Teaching Fellow

This course is designed to assist senior Teaching Fellows in synthesizing learnings from prior Teaching Fellows seminars and preparing for positions in public schools. (SPRING)

Courses for Advanced Undergraduates & Graduate Students

506 Institutes in Education (1–3)
- *Students may apply no more than three (3) semester hours of this course to any degree program.*
- *Grade: Satisfactory/Unsatisfactory, S/U*

Practicum or workshop experiences to focus on issues, problems, or approaches in the profession.

516 Emergent Literacy and Literature (3:3)

Explores emergent literacy development in preschool/kindergarten settings and introduces the wide range of literature available for young children. Emphasis on using books to stimulate language and cognitive development. (SPRING & SUMMER)

518 Mathematics in the Elementary and Middle Schools (3:3)

Current mathematics program, including emphasis on meaning theory and on instructional materials, methods, and procedures in teaching fundamental operations. (FALL & SPRING)

519 Science in the Elementary School (3:3)

Designing and developing science learning experiences for children in the biological, physical, earth, and space sciences. The nature of elementary school science and children's interests are considered. (SUMMER)

520 Social Studies in the Elementary School (3:3)

Designed to help educators gain more complete understanding of elementary school social studies. Special emphasis given to evaluation of the field beginning with the separate subjects approach to correlation, to broad fields, to integration, and separate disciplines approach. Emphasis also given to identification of key skills that help children function intelligently in this field. Development of democratic citizens also a major consideration. (SUMMER & FALL)

523 Legal, Historical, and Cultural Issues in ESL (3:3)

Pr. Standard Professional I License in another area or permission of instructor

Exploration of legal and historical bases of English as a Second Language. Analysis of differences among home and school cultures, especially related to language. (SPRING)

527 Teaching Second Languages: Elementary/Middle Schools (3:3)

Pr. 545 and admission to teacher education program or permission of instructor

Study of second language teaching approaches applicable to the elementary/middle school pupil. Materials development and evaluation. Organizing effective second language programs in the elementary and middle schools. (FALL)

530 Middle Grades Language Arts (3:3)

Pr. admission to middle grades education major

Course develops competencies in middle grades language arts instruction as related to adolescent learners. Emphases include practical and theoretical attention to best-practices, curriculum, assessment, and standards of practice. (FALL)

535 Literacy in the Content Area (3:3)

Pr. admission to teacher education or M.Ed. program

Designed to prepare middle grades, secondary, and special subject or content area teachers to work with students who exhibit a variety of reading and writing levels. (FALL & SPRING & SUMMER)

545 Diverse Learners (3:3:2)

Pr. admission to teacher education, or permission of department

Provides students with a broad base of knowledge and skills that will facilitate their effectiveness in meeting the needs of diverse learners through appropriate instructional, curricular, and behavioral strategies. (FALL & SPRING)

551 Teaching Practices and Curriculum in English (3:3:2)

Pr. 450, 545, and admission to teacher education
Coreq or pr. 470, or permission of instructor
- *Required of student teachers in English.*

Designed to acquaint prospective teachers with modern concepts and practices of English instruction in secondary schools; emphasis on teaching four fundamental language arts: speaking, writing, reading, and listening. (FALL)

552 Teaching Practices and Curriculum in Foreign Languages (3:3:2)

Pr. 450, 545, and admission to teacher education
Coreq. or pr. 470, or permission of instructor

Designed to acquaint second-language teachers with modern methods and techniques of instruction in secondary schools. Emphasis on proficiency in listening, speaking, reading and writing and on teaching materials. (FALL)

553 Teaching Practices and Curriculum in Social Studies (3:3:2)

Pr. 450, 545, and admission to teacher education
Coreq. or pr. 470, or permission of instructor
- *Required of student teachers in social studies.*

Organization of social studies in secondary schools; classroom methods, techniques, and activities; teaching materials; testing and evaluation. (FALL)

554 Middle Grades Social Studies Education (3:3)

Pr. admission to Middle Grades Education major

Examination of candidate competencies in middle grades social studies instruction. Emphases include practical and theoretical attention to curriculum development, planning, resources, standards, instructional strategies, and assessment.

555 Multicultural Education (3:3)

Philosophical and sociocultural perspectives on pluralism and diversity. Emphases include interdependent individual, cultural, and institutional behaviors related to race, religion, class, cultural/ethnic heritage, and gender. (SPRING)

557 Teaching Practices and Curriculum in Mathematics (3:3:2)

Pr. 450, 545, and admission to teacher education
Coreq. or pr. 470, or permission of instructor
- *Required of student teachers in mathematics.*

Special teaching problems in secondary mathematics. Teaching procedures for important topics discussed in relation to their foundations in mathematics and logic. (FALL)

559 Teaching Practices and Curriculum in Science (3:3:2)

Pr. 450, 545, and admission to teacher education
Coreq or pr. 470, or permission of instructor
- *Required of student teachers in science.*

Development of philosophy of science teaching and of attitudes and values relative to science teaching in secondary school. Emphasis on recent curriculum studies in biology, chemistry, physics, and earth-science and the changing approaches to teaching these subjects. (FALL)

560 Middle Grades Science Education (3:3:5)

Pr. admission to Middle Grades Education major

Develops candidate competencies in middle grades science instruction as related to adolescent learners. Emphases include practical and theoretical attention to best practices, curriculum, assessment, and standards of practice. (ALT)

561 Nature of Science/Science Education (3:3)

Pr. CUI 559 or equivalent science methods course

Study of nature and science, encompassing literature from history, philosophy, and sociology of science (science and technology studies). Includes discussion of the literature's influence on school science curriculum and instruction.

Please refer to The Graduate School Bulletin
for additional graduate-level courses.

Department of Dance

School of Health and Human Performance

323 Health and Human Performance Building
336/334-5570
www.uncg.edu/dce

FACULTY

Jan Van Dyke, Professor and Head of Department
Professors Gamble, Lavender, Stinson
Associate Professors Dils, Green, Santos
APT Associate Professor Fore
Assistant Professors Cyrus, Gee, Sullivan
APT Assistant Professor Vulpi

Mission Statement

The Department of Dance at UNCG offers bachelors and masters degrees that provide professional preparation balanced with liberal education for a variety of career outcomes in dance. The Department prepares students for further study and for the task of creating their lives as artists, educators, scholars, and/or related professionals, whether at a state, regional, or national level.

The Department's primary emphasis is teaching students the technical skills required for creative work and the critical skills essential to the creative process and to scholarly inquiry along with the knowledge of dance and related areas they will need to pursue diverse careers. The Department also plays a significant role in enhancing the cultural environment of the campus and larger community through the presentation of work by faculty, students, and other artists.

The Department of Dance is an accredited institutional member of the National Association of Schools of Dance. The requirements for entrance and graduation as set forth in this Bulletin meet the published regulations for the National Association of Schools of Dance.

Admission to Dance Majors (B.A. and B.F.A.)

Admission for dance major programs in the Department of Dance is by application only. All prospective dance majors must participate in a selective admission process. This includes students currently at UNCG who have not been accepted as majors in the Department. The audition process includes a written application, an audition class, a writing sample, and an interview. Application forms and details are available from the Department.

Dance Major (DANC)

Degree: Bachelor of Arts

Required: 122 semester hours, to include at least 36 hours at or above the 300 course level

AOS Code: Dance Studies, U435

The Dance major (B.A.) is designed to provide students with a general education in dance. Majors in Dance Studies (B.A.) are required to complete the following program.

REQUIREMENTS

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Philosophical, Religious, Ethical Principles (GPR)	3
Historical Perspectives on Western Culture (GHP)	3
Mathematics (GMT)	3
Reasoning and Discourse (GRD)	6
ENG 101 or FMS 115 or RCO 101, and one additional GRD course	
Social and Behavioral Sciences (GSB)	6
Department specifies courses for:	
Fine Arts (GFA)	3
required: any GFA course except DCE	
One additional GLT, GFA, or GPR course	3
required: DCE 200	
Natural Sciences (GNS)	6–7
required: one GNS lab course and an additional GNS course with a different departmental prefix (NTR 213 recommended)	

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Global/Global Non-Western Perspectives (GL/GN)

required for GL Marker: DCE 200

required for GN Marker: DCE 205

*Students select*2 additional courses carrying GL/GN markers

One Speaking Intensive (SI) Course

In addition to this SI Marker requirement, **students must also complete a second SI course within the major**. All programs have identified at least one course among their major requirements that is taught as Speaking Intensive. DCE 505 serves as the major SI course.

One Writing Intensive (WI) Course

In addition to this WI Marker requirement, **students must also complete a second WI course within the major**. All programs have identified at least one course among their major requirements that is taught as Writing Intensive. DCE 305 serves as the major WI course.

III B.A. Requirements (45 semester hours)

- DCE 117
- Dance History: DCE 205, 305, and 505
- DCE 200, 217, 241, 253, 255, 340, 355
- Theory and Practice of Dance (9 s.h.):
  - minimum two (2) s.h. from modern sequence: DCE 111, 112, 212, 312, 324, 412, 424
  - minimum two (2) s.h. from ballet sequence: DCE 113, 114, 214, 314, 414
  - minimum 1 s.h. from: DCE 132, 232, or 332, plus 1 s.h. DCE 216, 231, 232, 316, or 332

- minimum 1 s.h. from: DCE 312, 324, 412, 424, 314, 414, 316, 332
- remaining two (2) s.h. may be taken from any of the above, or DCE 230 or 233

Students must take 10 additional DCE credits at the 300–500 level.

IV Electives

Sufficient electives to complete the 122 total semester hours required for the degree.

Dance Major (DANC)

Degree: Bachelor of Fine Arts

Required: 128 semester hours, to include at least 36 hours at or above the 300 course level

AOS Code: U431

The Dance major (B.F.A.) is planned to provide experiences in dance as an art form with emphasis on creative and performance activities. Course work in modern dance, ballet technique, choreography, and performance are central in the curriculum, providing a basis for graduate study and for careers related to dance.

REQUIREMENTS

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Philosophical, Religious, Ethical Principles (GPR)	3
Historical Perspectives on Western Culture (GHP)	3
Mathematics (GMT)	3
Reasoning and Discourse (GRD)	6
ENG 101 or FMS 115 or RCO 101, and one additional GRD course	
Social and Behavioral Sciences (GSB)	6
Department specifies courses for:	
Fine Arts (GFA)	3
required: any GFA course except DCE	
One additional GLT, GFA, or GPR course	3
required: DCE 200	
Natural Sciences (GNS)	6–7
required: one GNS lab course and an additional GNS course with a different departmental prefix (NTR 213 recommended)	

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Global/Global Non-Western Perspectives (GL/GN)

required for GL Marker: DCE 200

required for GN Marker: DCE 205

Students select: 2 additional courses carrying GL/GN markers

One Speaking Intensive (SI) Course

In addition to this SI Marker requirement, **students must also complete a second SI course within the major.** All programs have identified at least one course among their major requirements that is taught as Speaking Intensive. DCE 505 serves as the major SI course.

One Writing Intensive (WI) Course

In addition to this WI Marker requirement, **students must also complete a second WI course within the major.** All programs have identified at least one course among their major requirements that is taught as Writing Intensive. DCE 305 serves as the major WI course.

III Major Requirements (78 semester hours)

1. Dance technique and theory (24 s.h.)
   - contemporary dance: 6 s.h. selected from DCE 111, 112, 212, 312, 324, 412, 424
   - ballet: 4 s.h. selected from: DCE 113, 114, 214, 314, 414
   - African and other forms: DCE 232 or 332, plus three (3) additional s.h. selected from: DCE 216, 231, 232, 316, 332
   - dance technique electives: 10 additional s.h. selected from any of the above, or DCE 230 or 233
2. Grade of B+ or higher in DCE 412 or 424
3. DCE 117, 200, 205, 217, 241, 253, 255 (twice), 305, 340, 353, 355, 417, 453, 470 or 487, 505, 546; DCE 455 or THR 284 or 584
4. Dance performance (6 s.h.) selected from:
   DCE 243, 250, 343, or 443; must include at least 2 s.h. of DCE 343 or 443
5. Dance Electives to total 78 s.h. in Dance
6. Overall 2.75 GPA or higher in courses taken at UNCG

IV Electives

Electives sufficient to complete 128 total semester hours required for degree, at least 42 hours outside Dance, including GEC.

Honors in Dance

Requirements (18 semester hours)

- Six (6) semester hours of Honors General Education courses must be successfully completed before taking any Honors courses in Dance.
- Six (6) semester hours of 400–500 level contract courses in Dance, selected from DCE 412, 414, 417, 424, 443, 453, 455, 456, 470, 487, 546, 550, 555, 557, 560.
- Six (6) semester hours consisting of DCE 493 and 505. DCE 505 must be taken as an Honors contract course. DCE 470 may be substituted for 493 with permission of the instructor, the student's academic advisor, the department Honors liaison, and the director of the Lloyd International Honors College.

Qualifications

- A grade of at least B in all course work used to satisfy the Honors requirement in Dance
- A declared Dance major and admission to the department through audition

- At least a 3.30 overall GPA must be maintained from the time honors work is begun, continuing through to graduation

Recognition

The designation "Completed Disciplinary Honors in Dance" and the title of the Senior Honors Project will be printed on the student's official transcript.

Honors Advisor

Contact the Department of Dance main office or the undergraduate program coordinator for further information and guidance about Disciplinary Honors in Dance.

Dance as Second Major

Students desiring to take Dance as a second major should follow the degree requirements for the B.A. degree in Dance.

Dance Minor

Required: minimum 15 semester hours

AOS Code: U406

A Dance minor is available for students not wishing to specialize but who have an interest in dance and want a concentration of study in the area to complement an affiliated program of study. Students wishing the minor program must have their declaration of the minor approved by the Department. Dance majors are given priority in registration for most courses, but minors receive special consideration. The minor includes a minimum of 15 semester hours, with no more than eight (8) at the 100 level, and at least three (3), but no more than nine (9), in any one of the areas listed below:

- **Technique**
  Ballet: select from DCE 113, 114, 214, 314, 414
  Contemporary: select from DCE 111, 112, 212, 312, 324, 412, 424
  Jazz: select from DCE 116, 216, 316
  Other: DCE 132, 231, 232, 233, 332
- **Creative Work:** select from DCE 101, 217, 250, 253, 343, 417
- **Historical/Cultural Aspects:** select from DCE 200, 205

Additional courses may be selected from other DCE offerings to total a minimum of 15 hours.

Community Dance Concentration

For All Dance Majors:

Required: minimum 18 semester hours

AOS Code: U428

The Community Dance Concentration is designed for dance majors who wish to work as dance artists responding to the needs of particular communities, such as individuals with disabilities, pregnant adolescents, prison inmates, recent immigrants, or senior adults.

This concentration is available to all Dance majors (B.F.A. or B.A.) who wish to work as artists in a community dance setting.

Students must meet all requirements for a B.A. or B.F.A. in Dance in addition to the following requirements.

Requirements

DCE 353, 365, 446, 457, 555; DCE 455 or THR 284

Additional Requirements

1. Must achieve a B or higher in DCE 312, 324, 412 or 424
2. DCE 216 or 316 (jazz) for 1 s.h.

DANCE COURSES (DCE)

GE Core denotes General Education Core credit; GE Marker denotes General Education Marker credit; CAR denotes College Additional Requirement credit.

Courses For Undergraduates

101 Introduction to Dance (3:3)
GE Core: GFA
- *For non-majors; Dance majors should enroll in DCE 117.*

Introduction to the basic concepts and principles of modern/post-modern dance through readings, studio experiences, discussions, and concert attendance. (FALL & SPRING & SUMMER)

111 Beginning Contemporary Dance (1:0:3)
Pr. departmental permission; enrollment priority given to dance majors
- *May be repeated for credit.*

Introduction to the movement techniques of contemporary dance, with emphasis on aesthetic and expressive qualities. (FALL & SPRING)

112 Advanced Beginning Contemporary Dance (1:0:3)
Pr. departmental permission; enrollment priority given to dance majors
- *May be repeated for credit.*

Development of technical skills in contemporary dance, including rhythmic perception and spatial awareness, with emphasis on aesthetic and expressive qualities that lead to performance. (FALL & SPRING)

113 Beginning Ballet (1:0:3)
Pr. departmental permission; enrollment priority given to dance majors
- *May be repeated for credit.*

Introduction to basic ballet techniques. (FALL & SPRING)

114 Advanced Beginning Ballet (1:0:3)
Pr. departmental permission; enrollment priority given to dance majors
- *May be repeated for credit.*

Development of technical skills in ballet, including directions of the body, alignment, function and access of turnout, and use of the French ballet lexicon, with emphasis on safe and efficient body use. (FALL & SPRING)

116 Beginning Jazz Dance (1:0:3)
- *May be repeated for credit.*

Introduction to the style, technique, and rhythmic structures of jazz dance with emphasis on increasing movement capabilities and personal expression. (FALL & SPRING)

117 Movement as a Medium (3:3)
Pr. dance majors only

Orientation to the art of dance and the principles governing it. Presentation of materials and experiences related to a realistic concept of the roles of dance in society. (FALL)

132 Beginning African Dance (1:0:3)
- *May be repeated for credit.*

Introduction to the history and vocabulary of West African dance, emphasizing the central role that dance plays in African cultures. (FALL)

200 Dance Appreciation (3:3)
GE Core: GFA GE Marker: GL
- *Selected sections meet Writing Intensive (WI) requirement.*
- *Selected sections may be designated for Dance majors.*

Introductory study of dance through a variety of critical lenses and practical experiences. Lectures, films, demonstrations, and practical dance experience. (FALL & SPRING)

205 Dance History I: World Dance Traditions (3:3)
GE Marker: GN
Pr. Dance majors and minors only.

Study of the histories and aesthetic systems of selected world dance traditions, emphasizing interconnections between aesthetic practice and religious and social needs and the impact of cultural convergence on dance. (SPRING)

212 Intermediate Contemporary Dance (1:0:3)
Pr. departmental permission; enrollment priority given to dance majors
- *May be repeated for credit.*

Further development of technical skills in contemporary dance, including increased movement capabilities, rhythmic accuracy, and spatial relationships, with emphasis on aesthetic and expressive qualities that lead to performance. (FALL & SPRING)

214 Intermediate Ballet (1:0:3)
Pr. departmental permission; enrollment priority given to dance majors
- *May be repeated for credit.*

Development of technical skills in ballet, including safe and efficient alignment and clear articulation of movement vocabulary, with emphasis on increased vocabulary and musicality. (FALL & SPRING)

216 Intermediate Jazz Dance (1:0:3)
Pr. dance major, or departmental permission
- *May be repeated for credit.*

Continuation of 116. (FALL & SPRING)

217 Exploration and Improvisation in Dance (2:1:3)
Pr. sophomore, junior, or senior status and Dance major, or permission of department

Guided exploration in the elements of dance for the creative development of personal movement repertoire, spontaneous group interaction, and choreographic and movement observation skills. (SPRING)

230 Somatic Practices in Dance (1:0:3)
- *Priority enrollment given to dance majors.*
- *May be repeated for credit.*

The study of somatic practices in dance. Students will explore and discuss issues related to one body practice. Topics include body awareness, alignment, injury prevention, and movement observation.

231 Global Dance Forms (1:0:3)
Pr. required placement in DCE 112 or 114 dance technique or departmental permission
- *May be repeated for credit.*

Classical and vernacular dances from Europe, Asia and the Pacific, Africa, and the Americas. Particular dance form varies by semester. (FALL & SPRING)

232 Intermediate African Dance (1:0:3)
Pr. departmental permission
- *May be repeated for credit.*

Intermediate-level African dance technique. Further exploration of the principles of West African movement and the historic and cultural contexts in which the dances are presented. (FALL & SPRING)

233 Tap Dance (1:0:3)
- *Sections will be designated in semester course schedule.*
- *May be repeated for credit.*

Theory and technique of American tap dance forms with emphasis on basic listening, rhythmic and coordination skills, and audition strategies. (FALL & SPRING)

241 Music for Dance (2:1:2)

Study of the relationship of sound and movement, accompaniment and dance, accompaniment/composer and teacher/choreographer, and a practical application of these understandings. (SPRING)

243 Beginning Dance Repertory (1:0:3)
Pr. or coreq. DCE 212 or higher
- *May be repeated for credit.*

Development of performance skills for low intermediate dancers through rehearsals and performances of a significant dance work choreographed by dance faculty or approved dance artists in the field. (FALL & SPRING)

250 Dance Performance Practicum (1:0:3)
Pr. open by audition or invitation
- *May be repeated for a maximum of eight credits.*
- *Grade: Pass/Not Pass (P/NP)*

Extensive rehearsal culminating in performance of choreography created by students. (FALL & SPRING)

253 Choreography I: Craft (2:1:2)
Pr. DCE 217, 241; junior or senior Dance major

Study of the elements of time, space, and design as they are artistically significant in dance. (FALL)

255 Dance Production Practicum I (1:0:3)
- *May be repeated for credit.*

Supervised experience in introductory level technical production work supporting dance performances. (FALL & SPRING)

305 Dance History II: Dance in the United States (3:3)
Pr. DCE 205
- *Dance majors, minors, and concentration students only.*

Study of the history of dance in the United States, emphasizing concert and social dance as syntheses of African and European dance traditions and including discussion of Native American performance. All sections are taught as Writing Intensive (WI). (FALL)

312 High Intermediate Contemporary Dance (1:0:3)
Pr. departmental permission; enrollment priority given to dance majors
- *May be repeated for credit.*

Further development of technical skills in contemporary dance, including increased complexity of movement capabilities, rhythmic structure, and spatial designs, with emphasis on aesthetic and expressive qualities that lead to performance. (FALL & SPRING)

314 High Intermediate Ballet (1:0:3)
Pr. departmental permission; enrollment priority given to dance majors
- *May be repeated for credit.*

Further development of technical skills in ballet, including dynamic alignment, body/mind connection, and proprioception, with emphasis on self expression through the ballet aesthetic. (FALL & SPRING)

316 Advanced Jazz Dance (1:0:3)
Pr. departmental permission
- *May be repeated for credit.*

Continuation of 216 for further development of skill, style, and understanding of the jazz form of dance.

323 The Arts as Human Experience (3:3)

An examination of the meaning of the arts experience, including its historical and personal significance. Includes reading and related work in art, dance, drama, and music. (Same as ART 323, THR 323)

324 Contemporary Dance: Theory and High Intermediate-Level Technique (2:1:3.5)
Pr. departmental permission; enrollment priority given to dance majors
- *May be repeated for credit.*

Theory and practice of intermediate-level contemporary dance technique and its relationship to the artistic and professional field. (FALL & SPRING)

332 Advanced African Dance (1:0:3)
Pr. departmental permission
- *May be repeated for credit.*

Advanced study of complex rhythms of African dance. The class will connect traditional songs, dances, and music with the culture and use those elements in choreography. (SPRING)

340 The Body and Motion in Dance (3:3)

Study of the body and movement as relevant to dance. Emphasis on anatomical and kinesiological principles, alignment, body issues, prevention and care of injuries. (SPRING)

343 Intermediate Dance Repertory (1:0:3)
Pr. or coreq. 312 or higher
- *May not be taken concurrently with DCE 487.*
- *May be repeated for credit.*

Development of performance skills for intermediate dancers through rehearsals and performances of a significant dance work choreographed by dance faculty or approved dance artists in the field. (FALL & SPRING)

345 Dance Education in Elementary Schools (2:4 for 10.5 weeks)
Pr. junior, senior, or graduate standing in elementary education

Observation/participation of dance education with elementary schools, as well as some special education students of varying ages, with reflection on the nature of dance and its educational significance.

353 Choreography II: Process (2:1:2)
Pr. DCE 253

Study of and experience in various approaches to the choreographic process as related to artistic concepts and to the philosophy of art as espoused by various traditional and contemporary dance artists and as developed by the individual student. (SPRING)

355 Dance Production Practicum II (1:0:3)
Pr. 1 credit of DCE 255
- *May be repeated for credit.*

Supervised experience in advanced level technical production work supporting dance performances. (FALL & SPRING)

365 Practicum: Dance in Community Settings (1–6:0:3–18)
Pr. junior or senior standing; 2.70 overall GPA with a 3.0 GPA in Dance; and permission of instructor
- *May be repeated for credit for a maximum of six (6) semester hours.*
- *Grade: Pass/Not Pass (P/NP).*

Practical experience in an approved dance or dance-related setting. Each credit earned requires a minimum of 45 clock hours. (FALL & SPRING)

412 Advanced Contemporary Dance (1:0:3)
Pr. departmental permission; enrollment priority given to dance majors
- *May be repeated for credit.*

Refinement of technical skills in contemporary dance at the advanced level, including complex movement capabilities, rhythmic structures, and spatial designs, with emphasis on aesthetic and expressive qualities that lead to performance. (FALL & SPRING)

414 Advanced Ballet (1:0:3)
Pr. departmental permission; enrollment priority given to dance majors
- *May be repeated for credit.*

Mastery of kinesthetic, expressive, and aesthetic principles of contemporary ballet at an advanced/professional level. (FALL & SPRING)

417 Contact Improvisation (1:0:3)
Pr. 217 or permission of instructor
- *May be repeated for credit.*

Development of improvisational performance skills for advanced dancers through a thorough study of Contact Improvisation. (FALL)

424 Contemporary Dance: Theory and Advanced Level Technique (2:1:3.5)
Pr. departmental permission; enrollment priority given to dance majors
- *May be repeated for credit.*

Theory and practice of advanced-level contemporary dance technique and its relationship to the artistic and professional field. (FALL & SPRING)

443 Advanced Dance Repertory (1–3)
Pr. DCE 312, 324, 412, or 424, and permission of instructor
- *By audition or by invitation of the instructor*
- *May be repeated for credit.*

Development of performance skills for advanced dancers through rehearsals and performances of a significant dance work choreographed by dance faculty or approved dance artists in the field. (FALL & SPRING)

453 Choreography III: Group Forms (2:1:2)
Pr. DCE 253

Study of and experience in developing choreographic materials for various sized groups. Special emphasis on techniques for the integration of formal values and artistic intention. (FALL)

455 Career Management for the Dance Artist (2:3)
Pr. Dance majors only, or permission of instructor

Overview of the professional dance world. Course work involves viewing videos of today's touring companies and learning basic skills in auditioning, applying for jobs, grant writing, and organizing promotional materials. (ALT SPRING)

456 Field Study: Dance in New York City (1)
Pr. Dance major or permission of instructor

A one week trip to New York City over Spring Break; activities include attending dance concerts and selected classes, and meeting with dancers who live and work in the City. (EVEN SPRING)

458 Field Experience Teaching in K–12 Dance Education (3:3)
Pr. DCE 557 and admission to Teacher Education in Dance; grade of B or higher in DCE 212

Development of competencies for teaching dance in K–12 public school settings.

461 Student Teaching in Dance Education (9)
Pr. admission to Student Teaching
- *Grade: Pass/Not Pass (P/NP)*

Supervised student teaching experience in dance education. Full-time teaching in a school setting. (FALL & SPRING)

463 Seminar in Dance Education (3:3)
Pr. DCE 457 or 557

Synthesizing of experiences in teaching dance in public schools, with continuing development of professional competencies and preparation of portfolio required for K–12 licensure. (SPRING)

470 Creative Synthesis in Dance (3:3)
Pr. grades of B or higher in DCE 353 and 453 and senior status in B.F.A., or permission of instructor

Culminating choreographic experience for students completing choreography concentration in B.F.A. (SPRING)

475 Independent Study (1–3)
Pr. demonstrated competency for independent work and permission of academic advisor and instructor
- *May be repeated for a maximum of six (6) semester hours.*

Intensive work in area of special interest in dance. Available to exceptionally qualified students on recommendation of academic advisor and instructor. (FALL & SPRING)

476 Selected Topics in Dance (1–3)
Pr. permission of instructor
- *May be repeated twice for credit.*

Current topics and issues in dance as art, education, or therapy for students with sufficient preparation for intensive study of identified area.

487 Performance Theory and Practice (2:1:3)
Pr. or coreq. DCE 412 or 424
- *May not be taken concurrently with DCE 343.*

Rehearsal and performance of choreography designed to challenge student dancers at their highest level of performance. Choreography by full time faculty. Selected readings and written assignments accompany practical work.

493 Honors Work (3–6)
Pr. permission of instructor; 3.30 GPA in the major, 12 s.h. in the major
- *May be repeated for credit if the topic of study changes.*

Courses for Advanced Undergraduates & Graduate Students

505 Contemporary Dance: Aesthetic and Cultural Practice (3:3)
Pr. DCE 205 and 305; 2.50 GPA; graduate students must have satisfied the dance history requirement for admission to a graduate dance program

Study of cultural issues and aesthetic priorities of dance in the late postmodern world, especially contemporary dance. Provides opportunities to present ideas about and debate issues concerning contemporary dance. All sections are taught as Speaking Intensive (SI). (SPRING)

546 Perspectives on Dance Education (3:3)

Theoretical foundations in dance education and their implications for curriculum and teaching. (FALL) (Formerly DCE 446)

550 Creative Process: Dance Perspective (3:3)
Pr. advanced standing in an arts program or permission of instructor

Exploration and examination of issues related to creativity and the creative process in dance and related arts. Includes experiential and theoretical modes of encounter. (ALT FALL)

555 Technology in the Creation and Preservation of Dance Works (3:3)
Pr. DCE 355, or admission to graduate study in dance, or permission of the instructor

A study of software applications useful in the creation and/or preservation of dance works. Areas of study include soundscore creation, video editing, and graphics manipulation. (FALL)

557 Dance Pedagogy for Ages 5–18 (3:2:2)
Pr. DCE 546
- *For Dance and Dance Education majors only.*

Consideration of methodological issues related to teaching dance in public school and community settings. (FALL) (Formerly DCE 457)

560 The Dancer's Body (3:3)
Pr. two semesters of dance technique, and 340 or equivalent, or permission of instructor

The study of body theories and practice in dance. Topics include somatic theory and practice and body issues related to dance performance, choreography, and pedagogy. (ODD FALL)

Please refer to The Graduate School Bulletin *for additional graduate-level courses.*

Department of Economics

Bryan School of Business & Economics
462 Bryan Building
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www.uncg.edu/bae/econ

FACULTY

Stuart D. Allen, Professor and Head of Department
Professors Caldwell, Link, Neufeld, Ribar, Ruhm
Associate Professors Bearse, Layson, Leyden, McCrickard (Associate Dean), Snowden (Director of Graduate Studies)
Assistant Professors Holland, Kim, Rosenbaum, Sheran, Swann
Lecturers Brod (Director of Office of Business and Economics Research), Hayek, Overton, Sarbaum, Vaidyanathan

Mission Statement

The mission of the Department of Economics supports the teaching, research and service mission of the University and the Bryan School of Business and Economics. We strive to offer professional business and liberal arts education that prepares students to enter the competitive global job market, to enhance their careers, and to earn graduate and professional degrees; to provide quality teaching in our mutually supportive undergraduate and graduate programs; to gain national recognition for our scholarship and our graduate programs; and to use our expertise and service to encourage economic understanding among North Carolina citizens and to foster economic development within the Triad and the state.

The Department of Economics provides students with an understanding of economic principles, concepts, and institutions and the ability to analyze economic problems and public policy issues. Economics is a social science concerned with public policy issues such as pollution and the environment, the health system, central bank policy and inflation, unemployment, the productivity of the labor force, economic growth, and international trade and finance.

The Economics Department offers two undergraduate degrees: a liberal arts Bachelor of Arts and a Bachelor of Science through the Bryan School of Business and Economics. Requirements for the B.S. degree include a core of courses common to all professional degree programs in the Bryan School: twelve semester hours of economics and thirty-three hours in accounting, finance, management, and information systems and operations management, plus additional courses in economics to complete one of the five concentrations: Business and Public Policy; Applied Economic Analysis (quantitative and statistical analysis); Global Economic Policy; Economic Studies; and Financial Economics.

The B.A. degree allows a student to earn a liberal arts degree and to have the flexibility to double major. A major in economics can be combined with a major in areas such as international business studies, geography, political science, history, English, mathematics, and the sciences. Interdisciplinary work in the areas of the environment, regional development, public policy, health, or gerontology can be taken by the enterprising student who seeks out appropriate course work in a variety of departments. A degree in economics provides the student with enhanced access to the job market and to graduate and professional schools. Additional statistical and quantitative course work allows a student to develop research skills and computer expertise that are very important for the job market and for entry into graduate programs.

The Economics Department offers a Master of Arts degree in Applied Economics that provides the student with the theoretical and statistical training to enter the job market as a professional economist employed by financial institutions, health organizations, consulting firms, research organizations, and government agencies.

The Economics Department also offers qualified students the opportunity to accelerate their study of economics by taking M.A. courses for graduate credit during their senior year. See **Accelerated Master's Programs for Undergraduates** for details. The program enables students the opportunity to earn the M.A. degree in one additional year of study.

Teacher licensure is also available for economics majors (see **Teacher Education Programs**).

Economics Major (ECON)

Degree: Bachelor of Arts

Required: 122 semester hours, to include at least 36 hours at or above the 300 course level

Available Concentrations and AOS Codes:

Economics, U305

Economics with Teacher Licensure in Social Studies, U309

General Program Requirements

1. Formal admission to the Department of Economics, including the following:
   a. Successful completion of ECO 101 or 201, 202, 250; ISM 110; and MAT 120[1] or 191
   b. A minimum GPA of 2.0 in ECO 101 or 201, 202, and 250
   c. A cumulative GPA of at least 2.0
2. 122 s.h.
3. At least 50 percent of the major hours must be earned at UNCG

[1]MAT 115 may be needed as a prerequisite for MAT 120 depending upon math placement test score or completion of previous college math.

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	**S.H.**
Students may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
One additional GLT, GFA, or GPR course	3
Historical Perspectives on Western Culture (GHP)	3
Natural Sciences (GNS)	6–7
one must be a laboratory course; each must have a different departmental prefix	
Department specifies courses for:	
Mathematics (GMT)	3
MAT 120 or 191	
Reasoning and Discourse (GRD)	6
ENG 101 or FMS 115 or RCO 101, and ENG 102	
Social and Behavioral Sciences (GSB)	6
ECO 201 and 202	

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for the following:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers: 3–6 s.h. (1–2 courses) of the same foreign language depending upon placement; 2–3 additional GL/GN courses, one of which must carry the GN marker

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major.** All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major.** All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III Major and Related Area Requirements

1. ECO 101 or 201*, 202*, 250, 301, 327, 346; ISM 110; MAT 120* or 191*
2. Economics electives: 12–19 s.h.

**MAT 120 or 191 satisfies GMT; ECO 201 and 202 satisfy GSB*

IV Additional Requirements for Economics Major with Teacher Licensure in Social Studies

Students seeking teacher licensure should see **Teacher Education Programs** for additional licensure requirements. Licensure in social studies is available for economics majors.

V Electives

Electives sufficient to complete 122 total semester hours required for degree.

Economics Major (ECON)

Degree: Bachelor of Science

Required: 122 semester hours, to include at least 36 hours at or above the 300 course level

AOS Codes for Economic Concentrations:

Business & Public Policy, U333
Applied Economic Analysis, U334
Global Economics Policy, U335
Economic Studies, U336
Financial Economics, U329
Economics with Teacher Licensure in Social Studies, U311

General Program Requirements

1. Formal admission to the Department of Economics, including the following:
   a. Successful completion of ACC 201, 202; CST 105; ECO 201, 202, 250; ENG 101 or FMS 115 or RCO 101, and ENG 102; ISM 110, 280; and MAT 120* or 191
   b. A minimum GPA of 2.0 in ECO 201, 202, and 250
   c. A cumulative GPA of at least 2.0
2. 122 s.h.
3. At least 50 percent of the business semester hours required for the degree must be earned at UNCG

**MAT 100 and MAT 115 may be needed as prerequisites for MAT 120 depending upon math placement test score or completion of previous college math.*

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
Historical Perspectives on Western Culture (GHP)	3
Natural Sciences (GNS)	6–7
one must be a laboratory course; each must have a different departmental prefix	
Department specifies courses for:	
One additional GLT, GFA, or GPR course	3
foreign language XXX 203B (e.g., SPA 203B) or equivalent	
Mathematics (GMT)	3
MAT 120 or 191	
Reasoning and Discourse (GRD)	6
ENG 101 or FMS 115 or RCO 101, and ENG 102	
Social and Behavioral Sciences (GSB)	6
ECO 201 and 202	

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for the following:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers: 3–6 s.h. (1–2 courses) of the same foreign language depending upon placement; 2–3 additional GL/GN courses, one of which must carry the GN marker

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major**. All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major**. All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III Major Requirements

1. ECO 201*, 202*, 250, 300*, 301
2. Remaining courses selected from one of the concentrations listed below:

Business and Public Policy Concentration
three of the following: ECO 311, 312, 323, 370, 375, 380, 390, 510

Applied Economic Analysis Concentration
three of the following: ECO 319, 346, or 351, or approved advanced elective in statistics, data analysis or programming outside the department

Global Economic Policy Concentration
three of the following: ECO 310, 327, 346, 360, 363, 365, 467 or approved advanced elective in the international area outside the department

Economic Studies Concentration
12 s.h. of approved electives at the 300 level or above

Financial Economics Concentration
ECO 327 (or FIN 330), 346, 351, and three finance electives (not including FIN 300). Two additional economics and finance electives (not including ECO 101) may be taken.

IV Related Area Requirements

1. ACC 201, 202; BUS 105A**; CST 105*; ENG 101*, 102*; FIN 315; ISM 110, 280, 360; MGT 301*, 309*, 312, 330, 491; MAT 120* or 191*; MKT 320
2. Nine (9) s.h. of a foreign language; see chapter 6 for requirement details.

**MAT 120 or 191 fulfills GMT; ENG 101, and ENG 102 or CST 105 fulfill GRD; ECO 201 and 202 fulfill GSB; ECO 300, MGT 301, and foreign language fulfill 9–12 semester hours of GL/GN requirement; MGT 309 fulfills major WI and SI requirements; CST 105 fulfills SI requirement outside major.*

***BUS 105A is for students entering UNCG as freshmen and must be taken during the first two semesters of enrollment.*

V Additional Requirements for Economics Major with Teacher Licensure in Social Studies

Students seeking teacher licensure should see **Teacher Education Programs** for additional licensure requirements. Licensure in social studies is available for economics majors.

VI Electives

Electives sufficient to complete 122 total semester hours required for degree.

Honors in Economics

Requirements

For Honors requirements, check with the departmental office and see **Honors Programs** information in this chapter.

Economics as a Second Major

Completion of a second major in economics is a good choice for students in other social sciences, mathematics, and other professional areas. The double major can usually be fitted into a normal four-year liberal arts course of study. In highly structured professional programs, additional semester hours beyond the minimum required for graduation are necessary.

Students who double major in economics and another field must complete all major requirements in both areas as well as the general requirements for the degree which they are seeking.

Economics Minor

Required: minimum of 18 semester hours

AOS Code: U305

ECO 101 or 201 plus fifteen additional semester hours of economics are required to complete a minor.

An economics minor is especially appropriate for students whose majors are geography, history, mathematics, political science, sociology, or for students doing interdisciplinary study in the social sciences.

Accelerated Master's Programs for Economics Majors

Interested students should see **Accelerated Master's Programs for Undergraduates** for details about the B.A./M.A. in Economics or B.A. in Economics/M.P.A. in Public Affairs program requirements.

ECONOMICS COURSES (ECO)

GE Core denotes General Education Core credit; GE Marker denotes General Education Marker credit; CAR denotes College Additional Requirement credit.

Courses for Undergraduates

100 Economic Development of the Non-Western World (3:3)
GE Marker: GN
Pr. freshman or sophomore standing, or permission of instructor

The economics of developing nations, with a natural emphasis on the non-Western world. Topics include demographics, education, employment, health care, the environment, foreign aid, international institutions, and theories of economic growth. (FALL & SPRING)

101 Introduction to Economics (3:3)
GE Core: GSB
Pr. 2.0 GPA or above
- *Students with credit for ECO 201, 202 or equivalent, cannot also receive credit for 101.*

Introduction to basic economic concepts and public policy issues with application to the contemporary American economy.

201 Principles of Microeconomics (3:3)
GE Core: GSB
Pr. 2.0 GPA or above

Introduction to microeconomic principles and analysis. Topics include: the market economy, supply and demand, shortages and surpluses, competition and monopoly, international trade, and public policy issues.

202 Principles of Macroeconomics (3:3)
GE Core: GSB
Pr. 101 or 201; 2.0 GPA or above; or permission of instructor

Introduction to macroeconomic principles and analysis. Topics include the national income, the monetary system, inflation, business cycles, fiscal policy, the national debt, exchange rates, balance of payments, and economic growth.

250 Economic and Business Statistics I (3:3)
Pr. MAT 115 or 150, ECO 101 or 201, and ISM 110; 2.0 GPA; or above or permission of instructor

Introduction to statistical methods with applications in economics and business. Topics include descriptive statistics, probability, statistical inference, correlation, and regression. Emphasis on problem solving with microcomputer applications.

300 The International Economy (3:3)
GE Marker: GL
Pr. 101 or 201, and 202; 2.0 GPA; or permission of instructor
- *Students are required to take ECO 300 by the first semester of their junior year or as soon after admission to a degree program as possible.*

Examines the history, structure, and institutional foundations of the international trading system. Analyzes the impact of trade on economic growth, employment and living standards with a focus on contemporary issues.

301 Intermediate Microeconomic Theory (3:3)
Pr. 101 or 201, MAT 120 or 191; 2.0 GPA

Intermediate level analysis of consumer theory and theory of the firm. Other topics include market failure, savings and investment, risk and uncertainty, wage determination, and income distribution.

310 The U.S. in the Global Economy: 1700–2000 (3:3)
Pr. 101, or 201 and 202; 2.0 GPA; or permission of instructor
Examination of the history of the United States in the international economy. Examines trade policy, technological and industrial leadership, immigration, the depression, and American post-WWII dominance.

311 Managerial Economics (3:3)
Pr. 250; 2.0 GPA
Economic analysis of management and firm behavior. Topics include: the nature of the firm, managerial decision-making, demand, market structures, competitive strategies, finance, costs, supply, pricing, R&D, and mergers.

312 Economics of Technology (3:3)
Pr. 101 or 201; 2.0 GPA
Economic analysis of technological change. Topics include sources of productivity, inventive activity, entrepreneurship, innovation strategy, R&D management, patenting, and technology assessment. (FALL)

315 The Economics of Entrepreneurship (3:3)
Pr. ECO 101 or 201
Study of entrepreneurship from history of economic thought perspective and application of such concepts to economic agents. Emphasis on economic thought, market activity, and economic growth. (SPRING)

319 Quantitative Analysis I (3:3)
Pr. MAT 120 or 191, and ECO 201; 2.0 GPA
Introduction to mathematical methods in economics. Includes applications of mathematics to consumer and production theory, equilibrium analysis, input-output models, and optimization. (SPRING)

323 Public Finance (3:3)
Pr. 101 or 201; 2.0 GPA
The analysis of taxes and expenditures. Topics include: rationale for government (public goods, externalities), expenditure analysis (including income redistribution), tax analysis (including income, sales, and property taxes). (SPRING)

325 Sports Economics (3:3)
Pr. ECO 101 or 201
Economic theory of sports leagues: competitive balance, player labor markets, and owner capital markets. Theories of league expansion, rival leagues, franchise relocation, and sports venues. (FALL & SPRING)

327 Money and Economic Activity (3:3)
Pr. 202; 2.0 GPA
Emphasis on legal, institutional, and economic forces which mutually interact to determine supply of money. Elementary monetary theory and monetary flows, institutions, policies, and problems analyzed. International as well as domestic monetary analysis. (FALL)

346 Intermediate Macroeconomic Theory (3:3)
Pr. 301; admission to Department of Economics or other approved program
Intermediate level analysis of national income and employment with attention to fiscal and monetary policy, theories of business fluctuations, and economic growth. (SPRING)

351 Economic and Business Statistics II (3:3)
Pr. 250; 2.0 GPA
Continuation of 250. Multiple regression, time series analysis, simple forecasting, basic econometric models applied to case studies in business, economics, and finance. Use of statistical programs. (SPRING)

360 International Monetary Economics I (3:3)
Pr. 202; 2.0 GPA
Analysis of balance of payments and international monetary systems. Monetary and fiscal policies under the gold standard, fixed exchange, and flexible exchange systems. Breakdown of the Bretton Woods system and the current exchange rate policies of central banks. (SPRING)

363 European Economic History (3:3)
Pr. 101 or 201; 2.0 GPA
Study of evolution of European economics from early modern times to the twentieth century. Emphasis on sources of growth: trade, migration, industry, technical change, labor, and capital. (Same as HIS 363.)

365 The Economics of European Integration (3:3)
Pr. 201 and 202; 2.0 GPA
Examines the historical, current and expected future economics of the European Union. Topics include: trade, protectionism, harmonization, labor issues, the Euro, expansion and interrelation with the global economy.

370 Labor Economics (3:3)
Pr. 201; 2.0 GPA
Examination of wage and employment determination in U.S. labor markets. Topics include labor supply and labor demand theory, investments in education and training, job search and migration, unemployment, unions, racial and sex discrimination, income inequality, and public policy. (FALL)

375 Government and Business (3:3)
Pr. 201; 2.0 GPA
Government regulation and control of markets. Emphasis on antitrust laws and economics as well as control by regulation.

380 Environmental and Natural Resource Economics (3:3)
Pr. 101 or 201; 2.0 GPA; or permission of the instructor
Examination of environmental problems in market economies. Topics include the economic theory of pollution and its control, common-property resources, renewable and other resources, endangered species, population growth, and international problems.

390 Health Economics (3:3)
Pr. 101 or 201 or equivalent; 2.0 GPA; or permission of instructor
Examination of supply and demand for health care, medical malpractice, health insurance, government provision of health care, international comparisons, and health care reform.

467 Economic Growth and Development (3:3)
Pr. 300, or permission of instructor
Investigation of the determinants of the long-run economic growth of nations. Application of economic concepts to problems of developing and lesser developed countries. (SPRING)

493 Honors Work (3–6)
Pr. permission of instructor; 3.30 GPA in the major, 12 s.h. in the major
- *May be repeated for credit if the topic of study changes.*

499 Problems in Economics (3:3)
Pr. 201 and consent of instructor
- *May be repeated for credit with approval of department head.*

Independent study, research, and discussion covering a topic or group of related topics of current interest in economic policy or economic theory. Topics covered vary from semester to semester.

Courses for Advanced Undergraduates & Graduate Students

510 Law and Economics (3:3)
Pr. 201
• *Taught as Writing Intensive and Speaking Intensive*
Applies economic theory in analysis of law. Presents framework for analysis, examines property rights, studies public regulation, and examines antitrust laws. (SPRING)

513 Directed Studies in Economics I (1–3)
Pr. 21 s.h. of economics and permission of instructor
Individual study of economic problems of special interest to the student. Regular conferences with instructor required.

517 American Economic History: Colonial Times to 1865 (3:3)
Pr. 201 or permission of instructor
Evolution of the American economy through the Civil War. Emphasis on sources of economic growth and welfare. (Same as HIS 517)

518 American Economic History: 1865 to Present (3:3)
Pr. 201 or permission of instructor
Evolution of the American economy from the Civil War to present. Emphasis on economic performance through time measured against goals of full employment, price stability, and rapid growth. Course taught as Writing Intensive (WI) and Speaking Intensive (SI). (SPRING) (Same as HIS 518)

523 Topics in Public Policy (3:3)
Pr. 301
• *Taught as Writing Intensive and Speaking Intensive.*
Examination of market failure, public goods, economic efficiency, and income incidence, allocative effects, and public policy. (FALL)

530 Urban and Regional Economics (3:3)
Pr. 301 or permission of instructor
Application of analytical tools of economics to explain economic organization of cities, metropolitan areas, and larger regions and to deal with their economic problems. Problem areas analyzed include growth, poverty, housing, transportation.

553 Economic Forecasting (3:3)
Pr. 351 or permission of the instructor
Forecasting economic trends and fluctuations. Applications for regression analysis, exponential smoothing techniques, and Box-Jenkins procedures to forecast such economic variables as gross national product and unemployment levels.

555 History of Economic Thought (3:3)
Pr. 202
• *Course taught as Writing Intensive (WI) and Speaking Intensive (SI)*
Main currents in evolution of economic thought with emphasis on classical and neoclassical schools and developments in economic ideas during twentieth century. (FALL)

570 Topics in Labor Economics (3:3)
Pr. 301 or permission of instructor
Advanced theory and research related to labor supply and demand theory, investments in human capital, job search theory, migration, unemployment, theories of discrimination, income distribution theory, and public policy.

575 Industrial Organization and Public Policy (3:3)
Pr. 301 or permission of instructor
Theoretical and empirical study of firms relative to their rivals, suppliers, and customers. Use of theory and industry studies to understand the nature of competition and consequences of imperfect competition.

Please refer to The Graduate School Bulletin *for additional graduate-level courses.*

Education (EDU courses)

(see Teacher Education and Licensure Programs)

Department of Educational Leadership & Cultural Foundations

School of Education
239A Curry Building
336/334-3490
www.uncg.edu/elc

FACULTY
Ulrich C. Reitzug, Professor and Chair of the Department
Professors Hudak, Shapiro
Associate Professors Casey, Lashley, Villaverde
Assistant Professors Chesley, Cooper, Gause, Williams
Adjunct Professor Thompson
Adjunct Associate Professor Grier
Adjunct Assistant Professors Coble, Jones

A major component of this department is an undergraduate course, ELC 381, "The Institution of Education," which is required of all students who are planning to seek teacher licensure.

There are no undergraduate areas of study offered by this department.

Educational Administration/Leadership Majors

Degrees offered—Master of School Administration; Specialist in Education, Ed.S.; Doctor of Education, Ed.D.

Curriculum and Teaching Major

Degree offered—Cultural Foundations (Ph.D.)

EDUCATIONAL LEADERSHIP AND CULTURAL FOUNDATIONS COURSES (ELC)

Courses for Undergraduates

375 Philosophy of Education (3:3)
Philosophical questions related to education, such as what is education, how are the aims of education to be decided, and what is knowledge, pursued in conjunction with classic historic readings in the philosophies of education and knowledge as well as selected contemporary reading.

381 The Institution of Education (3:3)

- *Required of students seeking teacher licensure.*

School as a social institution concerned with transmission of ideological, moral, and cultural values; social reproduction and change; and competing philosophical visions of education with particular focus on democratic citizenship.

Courses for Advanced Undergraduates & Graduate Students

506 Institutes in Education (1–3)

- *Students may apply no more than three (3) semester hours of this course to any degree program.*
- *Grade: Satisfactory/Unsatisfactory, S/U.*

Practicum or workshop experiences to focus on issues, problems, or approaches in the profession.

581 Teaching in the Urban School (3:3)

Pr. admission to teacher education or permission of instructor

This course is designed to provide an opportunity for educators to examine research and literature related to the problems of teaching in the urban school.

Please refer to The Graduate School Bulletin *for additional graduate-level courses.*

Department of Educational Research Methodology

School of Education

206 Curry Building
336/334-3471
www.uncg.edu/erm

Terry Ackerman, Professor and Chair of the Department

Please refer to The Graduate School Bulletin *for graduate-level courses.*

Department of English

College of Arts & Sciences

3143 Moore Humanities and Research Administration
336/334-5311
www.uncg.edu/eng

FACULTY

Anne Wallace, Professor and Head of the Department

Professors Baker, Beale, Cushman, Dischell, Evans, Gibson, C. Hodgkins, Kilcup, Langenfeld, Nova, Parker, Roskelly, S. Yarbrough, Zacharias

Associate Professors Chiseri-Strater, Ferguson, Keith, G. McDonald, Moraru, Myers, Romine

Assistant Professors Dowd, Schultheis, Stallcup, Van, Weyler, Wurr

Lecturers Ahearn, Clark, Cline, H. Hodgkins, Kennedy, Meyers, Roberts, Steadman, Swofford

The Department of English offers courses in major authors, in all major literary periods, in literary theory, in linguistics and rhetoric, in journalism, and in writing essays, fiction, and poetry. Senior-graduate courses are available to advanced students, and the graduate program offers the full range of literary and rhetorical studies leading to the M.A., M.Ed., and Ph.D. The creative writing program offers courses both to undergraduates seeking the B.A. degree and to graduate students seeking the MFA degree.

English Major (ENGL)

Degree: Bachelor of Arts

Required: 122 semester hours, to include at least 36 hours at or above the 300 course level

AOS Codes:

English, U155

English with Teacher Licensure in Secondary Subject-Area, U157

The English Major provides a flexible program. Students who major in English participate in increasingly intensified study of language and literature that includes English, American, and foreign literature in translation. Upon graduation, English majors are well qualified to enter nearly all fields that do not require previous technical and professional training.

Although the English major is an excellent preparation for a variety of careers, many students will seek licensure to teach, and others will choose to enter graduate school. English has long been recognized as a desirable major for prelaw and premedical studies. It is also beneficial for students who enter such fields as journalism, editing, communications, diplomacy, advertising, and personnel work.

A "Guide for English Majors and Minors" is available upon request from the departmental office. It provides current advice on planning a major or minor. Additional guidance is available from the Director of Undergraduate Studies in English and from faculty advisors.

REQUIREMENTS

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
Historical Perspectives on Western Culture (GHP)	3
Mathematics (GMT)	3
Natural Sciences (GNS)	6–7
one must be a laboratory course; each must have a different departmental prefix	
Reasoning and Discourse (GRD)	6
ENG 101 or FMS 115 or RCO 101, and one additional GRD course	
Social and Behavioral Sciences (GSB)	6
Department specifies or suggests courses for:	
Literature (GLT)	3
suggested: ENG 211	
One additional GLT course	3
suggested: ENG 212	

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers, at least one of which must carry the GN marker

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major.** All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major.** All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III College of Arts and Sciences Additional Requirements (CAR)

See pp. 89–91 for requirements and approved courses.

Historical Perspectives on Western Culture	3
either a GHP/GPM or GMO course	
Natural Sciences	3–4
one additional GNS/GLS or GPS course	
Social and Behavioral Sciences (GSB)	3
one additional GSB course	
Foreign Language (GFL)	0–12
intermediate-level proficiency in one language, demonstrated by placement test, or completion of course work through course number 204	
Writing Intensive Courses (WI)	
a total of four WI courses	

IV Major Requirements

The department offers two major programs leading to the B.A. degree: "English" and "English—High School Teaching." Successful completion of the latter program qualifies the graduate to teach in high schools in North Carolina and other states with which North Carolina has reciprocal licensure agreements. A student may declare either major upon matriculation; to change one's major to English, or to change from one degree program to the other, one must have permission of the department. (See the Director of Undergraduate Studies in English.)

For both concentrations, a minimum of 30 semester hours of English above the 100 level is required. No requirement for the major may be met by a grade lower than C-.

The courses must be distributed as follows in Section V.

V Concentration Requirements

English

1. ENG 211, 212, 251. These courses provide an overview of English and American literature that gives perspective and establishes a basis for choosing courses. Students should take these courses as early as possible, usually during the sophomore and junior years.
2. ENG 303, Critical Approaches to the Study of Literature
3. One course in language (ENG 260, 261, 262, 302, 321, 513) or criticism (531, 549) or creative writing (221, 225, 325, 326, 425, 426) or expository writing and journalism (219, 223, 319, 320, 322, 323, 327, 522, 524), or internship (401, 402)
4. Four (4) courses in literature:
   - Two (2) 300–500 level courses in literature before 1800, only one of which may be in Shakespeare (ENG 332, 336, 337, 338, 339 or 340, 342, 360, 372, 381, 510, 537, 540, 541, 561)
   - Two (2) 300–500 level courses in literature after 1800 (ENG 315, 331, 333, 344, 345, 346, 348, 349, 350, 351, 352, 353, 358, 359, 373, 374, 376, 377, 378, 379, 382, 545, 550, 558, 559, 563, 564, 565, 582)
5. One or more courses in English at or above the 200 level

English with Teacher Licensure in High School Teaching (Secondary Subject Area)

1. English 211, 212, 251
2. English 303
3. English 321
4. Four (4) courses in literature:
   - Two (2) 300–500 level courses in literature before 1800, only one of which may be in Shakespeare (ENG 332, 336, 337, 338, 339 or 340, 342, 360, 372, 381, 450, 510, 537, 540, 541, 561)
   - Two (2) 300–500 level courses in literature after 1800 (ENG 315, 331, 333, 344, 345, 346, 348, 349, 350, 351, 352, 353, 358, 359, 373, 374, 376, 377, 378, 379, 382, 451, 545, 550, 558, 559, 563, 564, 565, 582)
5. English 322

Besides completing the above courses in English, candidates for teaching licensure must meet additional requirements, including admission to teacher education (end of sophomore year) and to student teaching (junior year), successful completion of Praxis, and course work outside the English

Department. For full current information about all requirements see **Teacher Education Programs** and the UNCG Teacher Education Handbook. Note: admission to teacher education and student teaching in English requires a minimum grade point average of 2.75, overall and in the major.

VI Electives

Electives sufficient to complete the 122 semester hours required for degree.

Honors in English

Requirements

Twelve semester hours to consist of:

- Three (3) s.h. of HSS 490 (Honors Thesis)
- Six (6) s.h. of any English Honors course above the 100 level
- Three (3) s.h. of English at the 500 level, or three (3) s.h. of a Contract Honors course in English at the 300 level

Six (6) semester hours from any of the following options:

- Any 500-level course in English
- Any Contract Honors course in English
- ENG 493 (Honors Work—independent study)
- ENG 494 (Honors Seminar)
- Any Honors courses, whether in English or not

Qualifications

- A grade of at least B in all course work used to satisfy the Honors requirement in English
- A declared English Major
- At least a 3.30 overall GPA at graduation

Recognition

The designation "Completed Disciplinary Honors in English" and the title of the Senior Honors Project will be printed on the student's official transcript.

Honors Advisor

See H. Hodgkins for further information and guidance about Honors in English. See **Honors Programs** in this chapter for more information.

English as a Second Major

Required: minimum of 30 semester hours

Students must complete the requirements described above for the English major (30 s.h.).

English as a Second Academic Concentration for Elementary Education and Special Education Majors

Required: minimum of 18 semester hours

The department also offers an 18-hour second academic concentration in English that meets requirements for Elementary Education and Special Education (School of Education) and certain other University programs in education. Consult with your major advisor or with the Director of Undergraduate Studies in English. Education students who are required to complete another approved concentration in a basic academic discipline, must fulfill the following requirements (18 s.h.) for a second academic concentration in English.

1. Required core courses (9 s.h.)—three (3) courses from the following: ENG 211, 212, 251, 252
2. Either 321 or 262 or 302 for 3 s.h.
3. Two (2) electives at the 200 or 300 level for 6 s.h.

English as a Second Academic Concentration for Middle Grades Education Majors

Required: minimum of 27 semester hours

Middle Grades Education majors must fulfill the following requirements (27 semester hours) for a second academic concentration in English. Consult with your major advisor or with the Director of Undergraduate Studies in English.

1. English and American Literature (9 s.h.), three courses from the following: ENG 211, 212, 251, 252
2. Language and Writing (6 s.h.): ENG 321 and 322
3. Expressive Writing (3 s.h.), one course from the following: ENG 221, 223, 225, 323, 325, 326
4. Literature (6 s.h.), two courses chosen from English courses at the 200 or 300 level, in consultation with major advisor, from the following: ENG 332, 336, 337, 338, 339, 340, 342, 360, 372, 381, 510, 537, 539, 540, 541, 542, 561, 315, 331, 333, 344, 345, 346, 348, 349, 350, 351, 352, 353, 355, 358, 359, 372, 373, 374, 376, 377, 378, 379, 382.
5. Elective (3 s.h.), chosen from literature or writing courses at the 200 or 300 level (items 3 and 4 above), in consultation with major advisor

English Minor

Required: minimum 18 semester hours

AOS Code: U155

ENG 101 and 102 satisfy the College Reasoning and Discourse (CRD) requirement and do not, therefore, count as part of the semester hours for an English minor.

English minors have wide choice among courses offered in fulfilling the minimum of 18 hours in English. They are urged, however, to report to the Director of Undergraduate Studies as early as possible for help in planning a program.

Requirements

1. Any two courses, to be chosen by the student, from among the following: ENG 201, 202, 211, 212, 251, 252
2. No more than six s.h. at the 100 level (but see head note, above); and at least six s.h. at the 300 level or above.

For information on licensure toward a high school English endorsement, fulfilling the English minor requirements, see the Director of English Education.

ENGLISH COURSES (ENG)

GE Core denotes General Education Core credit; GE Marker denotes General Education Marker credit; CAR denotes College Additional Requirement credit.

Courses for Undergraduates

100 Basic Writing (3:3)
- *Does not fulfill the University writing requirement.*
- *Credit does not apply toward graduation nor count in the student's GPA.*

Instruction and practice in basic writing skills, in preparation for 101. Admission to the course is by advice of the Director of Composition on the basis of SAT scores and placement testing.

101 English Composition I (3:3)
GE Core: GRD
- *Equivalent credit to FMS 115/RCO 101. Students may not receive credit for both ENG 101 and either FMS 115 or RCO 101.*

Students read and write in varied forms, styles, and lengths. Goals include developing ideas and revising writing, experimenting with aims and approaches in producing writing, and understanding appeals to various audiences. (FALL & SPRING)

102 English Composition II (3:3)
GE Core: GRD
Pr. 101, or FMS 115 or RCO 101
- *Equivalent credit to FMS 116/RCO 102; students may not receive credit for ENG 102 and either FMS 116 or RCO 102.*

Emphasizes developing ideas and supporting varied writing tasks. Goals include effective uses of evidence, control in style and voice, understanding varied forms and perspectives. (FALL & SPRING)

104 Approach to Literature (3:3)
GE Core: GLT

Critical reading and analysis of fiction, poetry and drama with an emphasis on a variety of major themes and their relevance to contemporary life. (FALL & SPRING)

105 Introduction to Narrative (3:3)
GE Core: GLT

Critical reading and analysis of American and British novels, short stories, and narrative poems. Attention to historical, cultural, and literary backgrounds as appropriate. (FALL & SPRING)

106 Introduction to Poetry (3:3)
GE Core: GLT

Critical reading and analysis of British and American lyric, dramatic, and narrative poetry. Attention to historical, cultural, and literary backgrounds as appropriate. (FALL & SPRING)

107 Introduction to Drama (3:3)
GE Core: GLT

Critical reading and analysis of British and American drama. Attention to historical, cultural, and literary backgrounds, especially the Continental dramatic background, as appropriate. (FALL & SPRING)

108 Topics in British and American Literature (3:3)
GE Core: GLT

Variable topics. Offerings may include Southern Writers, The Mystery Novel, Women Writers, The Imperial Imagination, and Grail Literature. (ALT YEARS)

109 Introduction to Shakespeare (3:3)
GE Core: GLT

Intensive study of a limited number of plays (and perhaps some sonnets) using such approaches as textual analysis, historical material, filmed versions, attendance at productions, discussion, writing, and performance study. (FALL & SPRING)

110 World Literature in English (3:3)
GE Core: GLT *GE Marker: GL*

Introductory survey of literature written in English by authors from regions outside the United States and the British Isles—the West Indies, India, Canada, Africa, Australia, and New Zealand. (ALT YEARS)

111 Introduction to Linguistics (3:3)

Introductory study of the science of language: principles of sound, meaning, structure, use, and the interactions of language and society. (FALL) (Same as CCI 111 and LIN 111)

201 European Literary Classics: Ancient to Renaissance (3:3)
GE Core: GLT *GE Marker: GL*

Critical reading and analysis of works in translation: Homer, Dante, Cervantes, and others. (FALL & SPRING)

202 European Literary Classics: Enlightenment to Modern (3:3)
GE Core: GLT *GE Marker: GL*

Critical reading and analysis of works in translation: Molière, Goethe, Dostoevsky, Tolstoy, Kafka, and others. (FALL & SPRING)

203 Academic English for Speakers of Other Languages (3:3)
- *Restricted to students whose first language is not English.*
- *Does not satisfy the University composition requirement.*

Emphasis on the active use of language skills: speaking, listening, reading, writing. (FALL & SPRING)

204 Non-Western Literary Classics (3:3)
GE Core: GLT *GE Marker: GN*

Reading and analysis of the most influential literary texts of Non-Western cultures, ancient through modern; readings include translations of prose and poetry from Asia, the Middle East, and Africa.

208 Topics in Global Literature (3:3)
GE Core: GLT *GE Marker: GL*

Variable topics, with emphasis on regional interconnections. Offerings may include Europe at War, World Women Writers, Literature and Revolution, and Holocaust Literature. (ALT YEARS)

209 Topics in Non-Western Literature (3:3)
GE Core: GLT *GE Marker: GN*

Variable topics, with emphasis on regional interconnections. Offerings may include South Asian Diaspora, Postcolonial Childhood, Afro-Caribbean Writers, and Australasian Writers. (ALT YEARS)

210 Literature and the Arts (3:3)
GE Core: GLT

Exploration of the relationships between literary and extraliterary arts such as music, visual arts, cinema, and architecture. Extraliterary focus will vary. (ALT YEARS)

211 Major British Authors: Medieval to Neoclassical (3:3)
GE Core: GLT
Pr. sophomore standing, or English major, or permission of instructor

Major poets, dramatists, satirists read within the context of their times: Chaucer, Shakespeare, Milton, Pope, Swift, and others. (FALL & SPRING)

212 Major British Authors: Romantic to Modern (3:3)
GE Core: GLT
Pr. sophomore standing, or English major, or permission of instructor
Major authors of the Romantic, Victorian and Modern periods studied in relation to their times and traditions: Wordsworth, Tennyson, Yeats, Joyce, and others. (FALL & SPRING)

219 Journalism I: Fundamentals of Newswriting (3:3)
Introduction to newspaper journalism. Emphasis on basic newswriting and reporting. Combines writing workshop and lecture. (FALL & SPRING)

221 Writing of Poetry: Introductory (3:3)
Pr. satisfaction of GLT requirement
Introductory workshop in writing poetry for students beyond the freshman year.

223 Writing of Essays (3:3)
Pr. 101 or exemption
Course in reading and writing the essay, with particular attention to style and voice. (FALL & SPRING)

225 Writing of Fiction: Introductory (3:3)
Pr. satisfaction of GLT requirement
Introductory workshop in writing fiction for students beyond the freshman year.

235 Science Fiction (3:3)
Historical and critical study of science fiction in the twentieth century.

236 Genre Fiction (3:3)
Selected writers from a popular kind (genre) of fiction, such as horror, spy, crime, fantasy, sports. Topic to vary.

251 Major American Authors: Colonial to Romantic (3:3)
GE Core: GLT
Pr. sophomore standing, or English major, or permission of instructor
Classic authors and their contributions to the intellectual life of America: Hawthorne, Melville, Douglass, Poe, Whitman, Dickinson, and others. (FALL & SPRING)

252 Major American Authors: Realist to Modern (3:3)
GE Core: GLT
Pr. sophomore standing, English major, or permission of instructor
Late nineteenth- and twentieth-century authors and their contributions to the development of modern thought: Dickinson, Twain, Frost, Faulkner, Hemingway, and others. (FALL & SPRING)

260 Introduction to the English Language (3:3)
Relationship between the English language as a system and individual uses of language. Techniques for describing language, theories about language, and introduction to the structure and history of English. (FALL)

261 Dialects of American English (3:3)
Consideration of the historical, geographical, and social factors which have influenced the varieties of modern American English, the methodology of dialect study, and the representation of dialects in American literature.

262 Sociolinguistics (3:3)
GE Core: GSB
Introduction to language in its sociocultural context. Topics include geographical and social dialects, language and identity, domains of language use, language attitudes, and the nature of multilingual societies. (ALT) (Same as LIN 262)

302 Second Language Acquisition (3:3)
Survey of language acquisition theories, including first and second language development issues; theoretical and pedagogical approaches to working with linguistically and culturally diverse learners. (ALT) (Same as LIN 302)

303 Critical Approaches to the Study of Literature (3:3)
Introduction to critical approaches to literature. Guidelines for and practice in writing about literature. (FALL & SPRING)

311, 312 Literary Studies Abroad (3:3), (3:3)
Selected literary topics—themes, authors, genres, periods—with emphasis on their relationships to physical and cultural settings associated with the literature. Residence abroad. (SUMMER)

315 Postcolonial Literatures (3:3)
GE Core: GLT
Pr. sophomore standing or higher
Literature from South Asia, Africa, the Caribbean, Australia, and Canada marked by the experience of European colonialism. Topics include non-European literary forms, colonization, political resistance, nationalism, gender, postcolonial predicaments.

318 Journalism IV: Advanced Reporting and Writing (3:3)
Pr. ENG 219
This course focuses on developing advanced skills in print and online journalism. Students will pursue projects in investigative and feature writing, as well as computer-assisted reporting. (FALL OR SPRING)

319 Journalism II: Editing the Newspaper (3:3)
Pr. 219 or permission of instructor
Values and practices in newspaper editing. Emphasis on ethics, editing skills, newspaper design, and writing editorials. (SPRING)

320 Journalism III: Feature Writing and Reviewing (3:3)
Pr. 219 or permission of instructor
Writing workshop: values and journalistic practices in writing feature articles and reviews; includes book reviewing and critical writing on other arts.

321 Linguistics for Teachers (3:3)
Introduction to formal study of the English language, including intensive review of structural and transformational grammars. Other topics of interest to teachers of English, including geographical and social dialects and teaching composition. Course satisfies a State requirement for prospective English teachers. (FALL & SPRING)

322 The Teaching of Writing (3:3)
Pr. University Reasoning and Discourse requirements must already have been met. For students seeking licensure in English, it is recommended that 321 be taken first.
Principles of written discourse with a survey of techniques of teaching composition. Instruction in composing, editing, and criticizing written discourse. (FALL & SPRING)

323 Literary Nonfiction (3:3)
Pr. completion of Reasoning and Discourse requirement
Workshop in writing essays and other types of nonfiction with emphasis on audience and style.

324 Practicum: Tutoring Writing (1:1:3)
Pr. 321, 322, or permission of instructor
- *May be repeated twice for a total of three (3) semester hours.*

Training and experience in teaching writing in individualized or small-group tutorial sessions in the University Writing Center. (FALL & SPRING)

325 Writing of Fiction: Intermediate (3:3)
Pr. 225 or permission of instructor
Continuation of introductory workshop in writing fiction for students beyond the freshman year.

326 Writing of Poetry: Intermediate (3:3)
Pr. 221 or permission of instructor
Continuation of introductory workshop in writing poetry for students beyond the freshman year.

327 Writing in the Professions (3:3)
Pr. University Reasoning and Discourse requirement must already have been met.
Principles of clarity, precision, audience analysis, document design, collaboration, and usability applied to a variety of professional writing tasks. May include elements of visual design, Web site design, or grant writing. (FALL & SPRING)

329 Literature and Film (3:3)
Selected short stories, novels, plays, film scripts and their film versions, with emphasis on rendering literary values into film.

331 Women in Literature (3:3)
GE Core: GLT
Study of women as readers, writers, and characters in literature. Attention to questions of literary canon and to women's position in drama, the novel, and poetry. (FALL & SPRING)

332 English Women Writers before 1800 (3:3)
Pr. 211
Study of the literary and social significance of texts written in various genres by English women prior to 1800.

333 Southern Writers (3:3)
Fiction, poetry, drama of the modern and contemporary South. Emphasis on Southern perspectives, values, traditions. Faulkner, Welty, Wright, Tate, O'Connor, Percy, and others.

336 Introduction to Chaucer (3:3)
Pr. for advanced undergraduates
Chaucer's major poetry examined within the context of medieval cultural traditions. Readings in the early dream visions, Troilus and Criseyde, and selected Canterbury Tales. Attention given to language and pronunciation.

337 English Literature to 1500 (3:3)
Culture of the Middle Ages. Selected reading in English literature from Beowulf to Malory. Works in Anglo-Saxon and some in Middle English in translation.

338 The Sixteenth Century 1500–1610 (3:3)
Earlier English Renaissance lyric, romance, prose, and drama; study of humanist backgrounds and contexts; emphasis on development of thought and style.

339 Shakespeare: Early Plays and Sonnets (3:3)
GE Core: GLT
A selection of representative plays including Romeo and Juliet, A Midsummer Night's Dream, 1 Henry IV, Much Ado about Nothing, Henry V, and Hamlet. (FALL & SPRING)

340 Shakespeare: Later Plays (3:3)
GE Core: GLT
A selection of representative plays, including Othello, King Lear, Macbeth, Anthony and Cleopatra, Measure for Measure, and The Tempest. (FALL & SPRING)

341 Themes in Literature (3:3)
- *May be repeated for credit when theme varies.*

Study of a major theme in literature of general interest. Through a variety of sources, mainly literature, but including art, film, history, and music, the class will explore the dimensions and complexities of the theme.

342 The Seventeenth Century (3:3)
Main lines of thought and style noted in major writers of the later Renaissance from Donne and Jonson through Milton. Emphasis on lyric and metaphysical poetry.

344 Romantic Poetry and Poetics (3:3)
Intensive study of works by Wordsworth, Coleridge, the Shelleys, Keats, and Byron, with attention to development of Romantic movement.

345 Victorian Literature (3:3)
Major Victorian writings: poems by the Brownings, Tennyson, the Rossettis, and others; prose works by Carlyle, Arnold, Mill, and others.

346 English Literature from Victorian to Modern (3:3)
Critical study of English literature from the end of Victorian period to beginning of the modern era. Features such writers as Pater, Wilde, Yeats, Shaw, Hardy, Conrad, Ford, and Wells.

348 Contemporary British Literature and Culture (3:3)
Post-1945 British literature in cultural, political/historical context. Topics include history, social class, sexuality, gender, race, immigration, post-imperial nostalgia, realism, the legacy of modernism, postmodernism, and cultural studies.

349 English Novel from Defoe to Hardy (3:3)
Introduction to the great tradition of the English novel. Selected novels by Fielding, Austen, the Brontes, Dickens, and others.

350 The Twentieth-Century English Novel (3:3)
Development of the English novel from Conrad through end of World War II, featuring such writers as Forster, Lawrence, Joyce, Woolf, Huxley, and Greene.

351 The American Novel through World War I (3:3)
Historical and critical study of Hawthorne, Stowe, Twain, Alcott, Chesnutt, James, Johnson, and others.

352 The Twentieth-Century American Novel (3:3)
Historical and critical study of Wharton, Cather, Fitzgerald, Hemingway, Hurston, Faulkner, Wright, Welty, and others. (FALL & SPRING)

353 The Contemporary Novel (3:3)
Historical and critical study of Updike, McCarthy, Gaddis, Morrison, Tan, Pynchon, and others.

358 Modern Poetry (3:3)
Poets and schools of poetry, British and American, from 1915 to 1945, with emphasis on the great variety of styles and subjects.

359 Contemporary Poetry (3:3)
British and American poetry 1945 to present. Emphasis on themes and styles, with particular attention given to classical sources, world history, and modern innovations in technique. (SPRING)

360 The Eighteenth Century (3:3)
Major writers of the Restoration and eighteenth century in a historical, literary, and cultural context: Dryden, Behn, Pope, Swift, Johnson, and others.

371 Literary Study of the Bible (3:3)
GE Core: GLT GE Marker: GL
The Bible as part of the world's great literature. Designed to give students a better comprehension of the Bible through study of its origins, history, structure, and literary qualities.

372 Early American Literature (3:3)
Literature in the New World to 1820. Topics include exploration and contact, Puritanism, the Great Awakening, the Revolution, and the rise of captivity and travel narratives and the novel. (ALT)

373 American Romanticism (3:3)
Survey of selected major romantic writers, c. 1800–1900: Irving, Bryant, Cooper, Prescott, Poe, Hawthorne, Melville, and authors from the Brahmin and Transcendentalist groups. Authors and topics will vary. (ALT)

374 Early African American Writers (3:3)
Critical survey of the traditions, ideas, techniques, and directions of African American writing from its beginnings to the early Harlem Renaissance.

376 African American Writers after the 1920s (3:3)
Critical survey of the traditions, thought, and directions of African American writing from the late Harlem Renaissance to the present.

377 American Realism and Naturalism (3:3)
Survey of major realistic and naturalistic writers, c. 1860–1920: Stowe, Twain, Howells, James, Chopin, Dreiser, Chesnutt, Wharton, Glasgow, and others. Authors and topics will vary. (ALT)

378 American Life-Writing (3:3)
Survey of various forms of American life-writing, such as autobiographies, diaries, letters, journals, tribal history, narrative poetry, and travel writing; and affiliated critical work.

379 American Women's Writing (3:3)
Survey of a particular area, period, theme, or genre of American women's writing and affiliated critical work.

381 English Drama to 1800 (3:3)
Critical, cultural, and historical study of the English drama—excluding Shakespeare—from medieval plays to eighteenth-century comedy: Marlowe, Jonson, Webster, Dryden, Congreve, Sheridan, and others.

382 Modern British and American Drama (3:3)
Historical and critical survey of British and American drama 1890 to the present: Shaw, O'Neill, Yeats, Synge, Pinter, Miller, Williams, and others.

401 Internship in Journalism and Editing (3:0:8)
Pr. English major; junior standing or higher; 3.0 cumulative GPA; recommendation of UNCG journalism instructor and permission of the Internship Coordinator
Field experience for senior English majors with a newspaper or magazine publisher. Academic supervision provided by Internship Coordinator and direction in field provided by job supervisor. (FALL & SPRING & SUMMER)

402 Internship in English Studies (3:0:8)
Pr. English major; junior standing or higher; 3.0 cumulative GPA; recommendation of UNCG English faculty member and permission of the Internship Coordinator
Field experience for advanced English majors in jobs related to English studies. Academic supervision provided by Internship Coordinator and direction in field provided by job supervisor. (FALL & SPRING & SUMMER)

425 Writing of Fiction: Advanced (3:3)
Pr. 325 or permission of instructor
Advanced workshop in writing fiction. Discussion of student fiction supplemented by readings of fiction and essays about fiction by historical and contemporary masters of the genre.

426 Writing of Poetry: Advanced (3:3)
Pr. 326 or permission of instructor
Advanced workshop in writing poetry. Discussion of student poetry supplemented by readings of poetry and essays about poetry by historical and contemporary masters of the genre.

450 Pre-1800 Literature Senior Seminar (3:3)
Pr. senior standing and English major, or permission of instructor
Variable topic seminar course intended for senior English majors.

451 Post-1800 Literature Senior Seminar (3:3)
Pr. senior standing and English major, or permission of instructor
Variable topic seminar course intended for senior English majors.

493 Honors Work (3–6)
Pr. permission of instructor; 3.30 GPA in the major, 12 s.h. in the major
- *May be repeated for credit if the topic of study changes.*

494 Honors Seminar (3:3)
Pr. English major with upperclass standing, and either enrollment in the Honors Programs or a minimum 3.30 overall GPA
Study of an important topic in Literature, Criticism, Theory, or Rhetoric. (FALL)

Courses for Advanced Undergraduates & Graduate Students
Prerequisite for credit in all courses in literature listed below: successful completion of at least six s.h. of approved courses in English and American literature at the 300 level or above.

510 Old English (3:3)
Language and literature of the Anglo-Saxon period (A.D. 600–1100). The language is studied primarily in conjunction with literary texts in the context of their history and culture.

513 History of the English Language (3:3)
Origins and development of the English language, methods of historical language study, and competing theories of linguistic change. Practical emphasis on reading and analysis of texts in Old, Middle, and Early Modern English.

522 Teaching Composition: Theories and Applications (3:3)
- *321 or 660 recommended.*

Theories of the composing process and of discourse generally as they apply to the problems of teaching composition. Background studies in language and other related areas. Specific approaches to teaching composition, their rationales and their comparative usefulness.

524 Writing—Advanced: Analytical and Technical (3:3)
Problems of organization and expression in books, articles, and reports. For those writing for publication or whose work in business or government requires a great deal of writing.

531 Feminist Theory and Women Writers (3:3)
Examines gender and creativity, women's place in literary tradition, and connections among art, gender, race, and class. Focuses on contemporary theory and on literary works from one historical period.

537 Middle English Literature (3:3)
Language and literature of the thirteenth-, fourteenth-, and fifteenth-century England.

540 Shakespeare (3:3)
Major comedies, histories, tragedies selected for topical study. Related background readings and criticism.

541 Milton (3:3)
Milton's major poems and his most important prose works in their seventeenth-century setting.

545 Nineteenth-Century British Writers (3:3)
Major Romantic and/or Victorian writers. Attention to poetry and prose.

549 The Critical Canon and Contemporary Issues (3:3)
Important critical writings from ancient Greece through the nineteenth century, emphasizing their influence upon modern theory and practice.

550 Modern British Writers (3:3)
Major novelists, poets, and playwrights of the modernist period.

553 Topics in English Studies (3:3)
- *May be repeated once for credit when topic varies.*

Studies in selected topics in English or American literature or language.

558 American Poetry After 1900 (3:3)
Critical and historical study of major twentieth-century American poets to World War II.

559 Twentieth-Century British Poetry (3:3)
Critical and historical study of twentieth-century British poetry to World War II.

561 Eighteenth-Century British Writers (3:3)
Selected major writers, 1660–1800, from among Dryden, Swift, Pope, Johnson, and others.

563 American Poetry Before 1900 (3:3)
American poetry and related critical theory with special emphasis on Taylor, Poe, Emerson, Whitman, and Dickinson.

564 American Prose Before 1900 (3:3)
Genres, themes, and movements of American prose, fiction and non-fiction, written before 1900.

565 American Prose After 1900 (3:3)
American prose written after 1900, with an emphasis on historical context, prose traditions in America, and the development of form, style, and genre.

582 Modern Drama (3:3)
Drama of late nineteenth century and twentieth century, continental, English, and American.

590 Literacy, Learning, and Fieldwork (4:3:3)
Examines the historical, pedagogical, ideological and theoretical threads of literacy studies, debates and programs. Includes training/tutoring fieldwork in local literacy programs, primarily in the public libraries.

Please refer to The Graduate School Bulletin *for additional graduate-level courses.*

Environmental Studies Program

College of Arts & Sciences

219 Graham Building
336/256-0520
www.uncg.edu/env

COMMITTEE MEMBERS
Susan Buck, Director, Environmental Studies Program
Susan Andreatta, Department of Anthropology
Bruce Banks, Department of Chemistry and Biochemistry
Erick Byrd, Department of Recreation, Tourism, and Hospitality Management
Bruce Kirchoff, Department of Biology
Steve Kroll-Smith, Department of Sociology
Jay Lennartson, Department of Geography
Bill Markham, Department of Sociology
Mark Schulz, Department of Public Health Education

Environmental studies is an interdisciplinary field fostering understanding of the natural physical and biological setting in which life on Earth exists. It integrates scientific study of ecosystems, pollution, climate, energy, and other environmental and natural resource matters on a global, regional or local scale with cultural and policy-related study of politics, economics, sociology, history, and law.

The Environmental Studies major is designed to provide students with a broad exposure to topics related to the environment and to provide knowledge and skills to address major environmental issues. Students interested in the major should work closely with their advisors to ensure that they meet prerequisites for upper division courses. In particular, students planning to take upper division biology courses should register for BIO 111/112 rather than for BIO 105/105L.

Special Programs in Liberal Studies Major—Concentration in Environmental Studies (SPLS)

Degree: Bachelor of Arts

Required: 122 semester hours, to include at least 36 hours at or above the 300 course level.

AOS Code: U825

REQUIREMENTS

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	6
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
Historical Perspectives on Western Culture (GHP)	3
Mathematics (GMT)	3
Natural Sciences (GNS) one must be a laboratory course; each must have a different departmental prefix	6–7

Reasoning and Discourse (GRD) 6
ENG 101 or FMS 115 or RCO 101, and one additional GRD course

Social and Behavioral Sciences (GSB) 6

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers; at least one course must carry the GN marker

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major.** All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major.** All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III College of Arts and Sciences Additional Requirements (CAR)

See pp. 89–91 for requirements and approved courses.

Historical Perspectives on Western Culture 3
either a GHP/GPM or GMO course

Natural Sciences 3–4
one additional GNS/GLS or GPS course

Social and Behavioral Sciences (GSB) 3
one additional GSB course

Foreign Language (GFL) 0–12
intermediate-level proficiency in one language, demonstrated by placement test, or completion of course work through course number 204

Writing Intensive Courses (WI)
a total of four (4) WI courses

IV Major Requirements

A. Core courses (minimum of 22 s.h.)
1. BIO 105/105L* or 111*
2. CHE 101* or 103/110* or 111/112*
3. ENV 100
4. GEO 103* or 106/106L*
5. STA 108* or 271
6. Two (2) courses from the following: ATY 213*, ECO 201*, PSC 210*, SOC 202*

Students may not count either ATY 213 or SOC 202 in both the core and Group B.

**BIO 105/105L and BIO 111 satisfy GLS. CHE 101, 103/110, and 111/112 satisfy GPS. GEO 103 and 106/106L satisfy GPS. STA 108 satisfies GMT. ATY 213 satisfies GSB and GN. ECO 201 satisfies GSB. PSC 210 satisfies GSB. SOC 202 satisfies GSB and GL.*

B. Additional ENV and Related Area Courses (36 s.h.)

Choose a minimum of 36 semester hours from the four groups below with at least six (6) hours from each of the Groups 1, 2, and 3 and at least three (3) hours from Group 4. Students may choose a maximum of 12 hours in any one department. At least 18 hours of the 36 hours must be at the 300 level or above. Students may count a maximum of two (2) internships toward the major.

1. Natural Sciences (at least 6 s.h.)
ATY 253/253L; BIO 271, 277, 301/302 (lab), 322, 341, 354, 361, 420, 430, 431, 438, 477, 497; CHEM 205/206 (lab), 252, 331/333, 351, 352, 490; ENV 399 (science focus); GEO 205, 305, 311/311L, 314/314L, 330, 495; HEA 314
2. Applied Social Sciences (at least 6 s.h.)
ATY 213, 330, 465, 520, 526, 589; GEO 105, 303, 313, 321, 323, 495; HEA 207, 316; NTR 303; HTM 463, HTM/RPM/GEO 320; ENV 493
3. Policy and Humanities (at least 6 s.h.)
BCN 326; ECO 380; ENG 219, 318, 319, 323, 327, 401; ENV/PSC 312, ENV/PSC 313, ENV/PSC 314; ENV 399, 401, 493; HIS 311; IAR 221, 222; PHI 363; HEA 318, REL 250, SOC 202, 365, 370
4. Research Methodology (at least 3 s.h.)
ATY 476; ECO 250; ENG 323, 327; GEO 322; HEA 315, 325, 340; PSC 301; PSY 311; RPM 418; SOC 301; STA 291

Honors in Environmental Studies

Honors courses may be offered as special sections of regular courses, Honors Tutorials, or contract courses.

Requirements

Twelve semester hours of Honors work to include the following:

1. 9 s.h. of Honors work in required courses
2. HSS 490 (Senior Thesis or Project)

Qualifications

1. A grade of at least B in all course work used to satisfy the Honors requirement in Environmental Studies
2. Declared Environmental Studies Major
3. Minimum overall 3.30 GPA at graduation

Recognition

The designation "Completed Disciplinary Honors in Environmental Studies" and the title of the Senior Honors Project will be printed on the student's official transcript.

Honors Advisor

See Honors Faculty liaison Susan Buck for further information and guidance about Honors in Environmental Studies.

Environmental Studies as a Second Major

Students who wish to earn a second major in Environmental Studies must complete all requirements for the Environmental Studies major.

Environmental Studies Minor

AOS Code: U825

Required: minimum of 18 semester hours

Required courses:

A. ENV 100

B. A minimum of 15 semester hours outside the student's major department, with no more than 8 hours at the 100 level:

1. 6–9 s.h. from the following: BIO 105 (environmental focus section)/105L or BIO 111/112 (if student plans to take upper level BIO courses), 301, 302, 361, 420, 431, 526; CHE 252; ENV 399*; FMS 184 (Campus Natural History or Endangered Species); GEO 103, 106/106L, 305, 311, 312, 314/314L, 323, 330; RCO 252
2. 6–9 s.h. from the following: ATY 526; ECO 380; ENV 399*; GEO 205; HEA 316; ENV/PSC 312, 313, 314; PHI 363; REL 250; RPM 202; SOC 370

**ENV 399 may not be repeated for credit.*

ENVIRONMENTAL STUDIES COURSES (ENV)

Courses for Undergraduates

100 Introduction to Environmental Studies (3:3)

Survey of current environmental issues from ecological, social, cultural, political, and economic perspectives. (FALL OR SPRING)

312 Environmental Law and Policy (3:3)

Study of federal and international environmental law and policy: topics include air and water pollution, hazardous and toxic substances, climate change, atmospheric pollutions, and related issues. Buck (Same as PSC 312)

313 Natural Resources Law and Policy (3:3)

Study of state, federal, and international natural resources law and policy: topics include acquisition and management of public lands, wildlife, biodiversity, resource conservation. Buck (Same as PSC 313)

314 Wildlife Law and Policy (3:3)

Pr. PSC or ENV 312 or PSC or ENV 313 or permission of instructor

Evolution of American wildlife law with focus on private property, federal–state relations, and federal protection of species, habitat, and biodiversity. Buck (Same as PSC 314)

399 Environmental Studies Internship (3:1:10)

Pr. written permission of instructor

150 hours of supervised work in a private, nonprofit, or public environmental agency; five 2-hour seminars to discuss assigned readings and internship experiences; research paper or written field project required. (FALL & SPRING)

401 Individual Study (1–3)

Pr. departmental permission

- *May be repeated for credit if topic of study changes.*

Reading or research. Available to qualified students upon recommendation of supervising instructor. (FALL & SPRING)

493 Honors Work (3–6)

Pr. minimum 3.30 GPA in the major; 12 s.h. completed in the major; departmental permission

- *May be repeated for credit if the topic of study changes.*

Department of Exercise and Sport Science

School of Health & Human Performance

250 Health and Human Performance Building
336/334-5308
www.uncg.edu/ess

FACULTY

Kathleen Williams, Professor and Head of Department
Professors Gill, Goldfarb, Martinek, Perrin, Williams
Associate Professors Davis, Etnier, Jamieson, Karper, Schmitz, Shultz, Wideman
Assistant Professors Henning, Kornatz, Newcomer, Schilling
AP Associate Professors Brown, Poole, Richards
AP Assistant Professor Stevens

Mission Statement

The mission of the Department of Exercise and Sport Science is to prepare professionals at both the undergraduate and graduate levels through excellence in teaching, research, and service so that they may encourage enhanced performance and quality of life of all citizens of the Piedmont Triad and beyond through active lifestyles and lifetime physical activity.

Exercise and Sport Science Major (EXSS)

Degree: Bachelor of Science

Required: 122–128 semester hours, to include at least 36 hours at or above the 300 course level

Available Concentrations and AOS Codes:

Exercise Science and Sport Studies

Fitness Leadership, U412
Aquatic Instructor Leadership, U423
Sports Medicine, U421

Exercise and Sport Science Pedagogy

Physical Education Teacher Education with K–12 Licensure, U409
Community Youth Sport Development, U422

Transfer Students

Students who enter the UNCG Exercise and Sport Science major as transfers in the junior year should expect to take at least an extra semester of work unless they enter with a strong background in science (BIO 111, 271, 277) and physical education activities. For those students seeking Teacher Licensure who are also required to complete a second academic concentration, the time commitment may be further extended.

REQUIREMENTS

All concentrations in the Exercise and Sport Science Major require courses in the following areas:

1. General Education Core Requirements
2. General Education Marker Requirements
3. Major Core Requirements
4. Related Area Requirements
5. Concentration Requirements

6. Electives
7. Additional Requirements

Each concentration has additional requirements for graduation. The specific course requirements and additional requirements are listed in each concentration section.

Fitness Leadership Concentration (122 semester hours)

The **Fitness Leadership** concentration prepares students for careers in preventive and rehabilitative exercise and fitness. Graduates from this concentration are able to pursue careers in fitness, personal training, cardiac rehabilitation, exercise physiology and related fields.

For complete information about admission to the Fitness Leadership concentration, please see VII Additional Requirements below.

Student Learning Goals

Students completing this program will demonstrate a basic knowledge of anatomy, biomechanics, exercise physiology, sociohistorical foundations of sport and exercise and human development over the life span, as it relates to pathophysiology, health appraisal, exercise program prescription and fitness testing. Graduates will be able to develop, manage and administer exercise programs for a range of diverse populations.

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
One additional GLT, GFA, or GPR course	3
Historical Perspectives on Western Culture (GHP)	3
Department specifies courses for:	
Mathematics (GMT) required: STA 108	3
Natural Sciences (GNS) required: BIO 111; and CHE 103 or CHE 111	6–7
Reasoning and Discourse (GRD) required: ENG 101 or FMS 115 or RCO 101, and CST 105	6
Social and Behavioral Sciences (GSB) ESS 330 and PSY 121	6

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers, at least one of which must carry the GN marker

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major.** All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major.** All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III Major Core Requirements

ESS 250, 330*, 351, 375, 376, 386, and 388, and 6 activity courses** must be completed with a grade of C (2.0) or higher.

NOTE: No required ESS course may be taken more than twice. Students who receive a grade below C twice in the same required ESS course will be dropped from their concentration. Students who receive a grade below C twice in the same ESS Theory Core course will be dropped from the major.

**ESS 330 satisfies three (3) semester hours of GSB.*

***The 6 activity courses must include ESS 120, 130, and at least one of the following aquatics activities: 150, 151, 203, 252, 254, 256.*

IV Related Area Requirements

BIO 111*, BIO 271, and 277 or approved transfer courses; CHE 103*, 104 and 110L, or CHE 111* and 112, and CHE 114 and 115; CST 105*; HEA elective; NTR elective; PSY 121*; STA 108*

**BIO 111, and CHE 103 or CHE 111 satisfy GNS; CST 105 satisfies three (3) semester hours of GRD; PSY 121 satisfies three (3) semester hours of GSB; STA 108 satisfies GMT.*

V Additional Concentration Requirements

ESS 220, 353, 379, 389, 467, 468, 469, 471, 570, and capstone experience*

**Satisfactory completion of one of the following capstone options is required for graduation:*

a. ESS 595 (6 credits), or ESS 595 (3 credits) and ESS 475 (3 credits)
b. ESS 475 (6 credits)
c. ESS 475 (3 credits) and ESS 495 (3–6 credits). ESS 493 may be substituted for 475 and Senior Honors work may be substituted for ESS 495.
d. Six additional credits of elective ESS course work and three additional credits of free elective course work at the 300 level or above

VI Electives

Students may select courses to complete the 122 semester hours required for degree.

VII Additional Requirements

Additional information may be found in the ESS Handbook.

- A minimum GPA of 2.50 and a grade of at least C (2.0) in each required ESS course at the 100–399 levels are required for permission to enroll in ESS 467, 468, 469, 471, 570, any of the capstone options required for graduation listed in this *Bulletin* under **V—Additional Concentration Requirements**, and any other ESS 500-level courses in addition to ESS 570.

- To apply for admission into the Fitness Leadership concentration, students must satisfactorily complete BIO 111, 271, 277, ESS 220, and one CHE course. Students may apply for admission into the concentration **only while taking or after successfully completing ESS 375 with a minimum grade of C**. Transfer and second-degree students must complete the above requirements and successfully complete twelve (12) s.h. at UNCG before making application. Application does not guarantee admission.
- Certification in First Aid and adult and child CPR must be current for enrollment in ESS 595.
- ESS 595 (Internship experience) requires an application process with specific requirements. See section on "Requirements for Internships."
- To qualify for graduation in this concentration, all majors must achieve a grade of C (2.0) or better in each required course with an ESS prefix.
- To graduate, all majors must obtain at least 36 s.h. in courses at the 300-level or above.
- Students in this concentration who do not graduate within seven years or who leave school and later re-enter are held for the current program requirements at the time of crossing from the seventh to the eighth year, or are held to the current program requirements during the year of re-entry.
- Appeals of any of these requirements must be filed with the appropriate departmental committee within one academic year.

Aquatic Instructor Leadership Concentration (122 semester hours)

The Aquatic Instructor Leadership concentration provides entry-level professional preparation for students who will be competent to design and implement effective aquatic programs for a wide range of community settings.

Student Learning Goals

Students completing this concentration will demonstrate knowledge of basic anatomical structures and hydrodynamic principles pertaining to aquatic skill performance, as well as the sociohistorical, behavioral and biophysical aspects of exercise and sport. They will demonstrate knowledge and skills of basic water safety, as well as appropriate health and safety practices for aquatic facilities.

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	**S.H.**
Students may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
One additional GLT, GFA, or GPR course	3
Historical Perspectives on Western Culture (GHP)	3
Department specifies courses for:	
Mathematics (GMT)	3
required: STA 108	
Natural Sciences (GNS)	6–7
required: BIO 111; and CHE 103 or CHE 111	
Reasoning and Discourse (GRD)	6
required: ENG 101 or FMS 115 or RCO 101, and CST 105	
Social and Behavioral Sciences (GSB)	6
ESS 330 and PSY 121	

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers, at least one of which must carry the GN marker

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major**. All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major**. All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III Major Core Requirements

ESS 250, 330*, 351, 375, 376, 386, 388 and 6 activity courses must be completed with a grade of C (2.0) or higher.

NOTE: No required ESS course may be taken more than twice. Students who receive a grade below C twice in the same required ESS course will be dropped from their concentration. Students who receive a grade below C twice in the same ESS Theory Core course will be dropped from the major.

**ESS 330 satisfies three (3) semester hours of GSB.*

IV Related Area Requirements

BIO 111*, BIO 271, and 277 or approved transfer courses; CHE 103*, 104 and 110L, or CHE 111*, 112, 114 and 115; CST 105*; HEA elective; MGT 200; NTR elective; PSY 121*; RPM 111; STA 108*

**BIO 111, and CHE 103 or CHE 111 satisfy GNS; CST 105 satisfies three (3) semester hours of GRD; PSY 121 satisfies three (3) semester hours of GSB; STA 108 satisfies GMT.*

V Additional Concentration Requirements

ESS 202, 220, 258, 359, 390, 391, 458, 459, 494

VI Electives

Students may select courses to complete the 122 semester hours required for degree.

VII Additional Requirements

Additional information may be found in the ESS Handbook.

- A minimum GPA of 2.30 and a grade of at least C (2.0) in each required ESS course at the 100–499 levels is required for permission to enroll in any ESS 500-level course.

- Certification in First Aid and adult and child CPR must be current for ESS 494.
- ESS 494 (Internship experience) requires an overall GPA of 2.50 and an application process with specific requirements. See section on "Requirements for Internships."
- To qualify for graduation in this concentration, all majors must achieve a grade of C (2.0) or better in each required course with an ESS prefix.
- To graduate, all majors must obtain at least 36 s.h. in courses at the 300 level or above.
- Appeals of any of these requirements must be filed with the appropriate departmental committee within one academic year.

Sports Medicine Concentration (122 semester hours)

The **Sports Medicine** concentration provides a **preprofessional program of study** with a focus on exercise and sport science that also encompasses other fields of science (biology, chemistry, physics, health, and nutrition). Completing this concentration is a first step toward a career in the field of sports medicine, providing students with the necessary academic and clinical experience for future study in allied health fields. Examples include, but are not limited to, athletic training, physical therapy, occupational therapy, physician's assistant, podiatry, dentistry, and medicine.

Student Learning Goals

Students completing this program will understand the basic scientific theories and principles that serve as a foundation for the allied health and medical professions as well as the sociohistorical, behavioral and biophysical aspects of exercise and sport. They will understand the structure and function of the human body and the stresses associated with movement, exercise and the demands of various sports as well as prevention, care and treatment of injuries and illnesses that commonly occur in physical activity.

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
One additional GLT, GFA, or GPR course	3
Historical Perspectives on Western Culture (GHP)	3
Reasoning and Discourse (GRD)	6
required: ENG 101 or FMS 115 or RCO 101, and one other GRD course	
Department specifies courses for:	
Mathematics (GMT)	3
required: STA 108	
Natural Sciences (GNS)	8
required: BIO 111 and CHE 111	
Social and Behavioral Sciences (GSB)	6
ESS 330 and PSY 121	

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)

four (4) courses carrying GL/GN markers, at least one of which must carry the GN marker

One Speaking Intensive (SI) Course

In addition to this SI Marker requirement, **students must also complete a second SI course within the major.** All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course

In addition to this WI Marker requirement, **students must also complete a second WI course within the major.** All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III Major Core Requirements

ESS 250, 330*, 351, 375, 376, 386, 388 and 6 activity courses** must be completed with a grade of C (2.0) or higher.

NOTE: No required ESS course may be taken more than twice. Students who receive a grade below C twice in the same required ESS course will be dropped from their concentration. Students who receive a grade below C twice in the same ESS Theory Core course will be dropped from the major.

**ESS 330 satisfies three (3) semester hours of GSB.*

***The 6 activity courses must include ESS 120, 130, and at least one of the following aquatics activities: 150, 151, 202, 203, 252, 254, 256.*

IV Related Area Requirements

BIO 111*, BIO 271, and 277; CHE 111*, 112; CST 341; HEA 201; NTR 213; PSY 121*; STA 108*

**BIO 111 and CHE 111 satisfy GNS; PSY 121 satisfies three (3) semester hours of GSB; STA 108 satisfies GMT.*

V Additional Concentration Requirements

ESS 220, 353, 379, 390, 391, 441

VI Electives

At least 9 s.h. of electives must be chosen from the following:

BIO 112; CHE 114 and 115, 205 and 206, 351, 352 and 354, 556, 557 and 558; CSC 101; ESS 459, 468, 469, 570, 595; HDF 211; ISM 110 or 210; MAT 191; NTR 313, 531, 550, 560; PHY 211 or 211A, PHY 212 or 212A; PSY 250, 341.

VII Additional Requirements

Additional information may be found in the ESS Handbook.

- A minimum GPA of 2.30 and a grade of at least C (2.0) in each required ESS course at the 100–499 levels is required for permission to enroll in any ESS 500-level course.
- Certification in First Aid and CPR for the Professional Rescuer must be obtained during enrollment in ESS 391.

- To qualify for graduation in this concentration, all majors must achieve a grade of C (2.0) or better in each required course with an ESS prefix.
- To graduate, all majors must obtain at least 36 s.h. in courses at the 300 level or above.
- Formal admission to the Sports Medicine concentration requires:
  - ❖ Successful completion of BIO 111, 271, and 277; CHE 111 and 112; ESS 220
  - ❖ Completion or current enrollment in ESS 353, 390 and 391
  - ❖ Cumulative GPA of at least 3.0 for admittance to program
  - ❖ Completion of application in ESS Department office prior to enrollment in ESS 441. Student should obtain detailed information early in their program of study to identify themselves as potential ESS Sports Medicine concentration students.
- Students must be formally admitted to the concentration prior to enrolling in ESS 441.

Physical Education Teacher Education Concentration (125–128 semester hours)

The Physical Education Teacher Education concentration leads to licensure for teaching in North Carolina and most other states. The licensure program prepares a student to teach grades K–12. Throughout the program there are opportunities for observation, participation, assisting and "mini-teaching", and coaching experiences with public school students, including those with special needs.

A second academic concentration is required for completion of this concentration. Depending on the concentration selected, additional semester hours may be required for completion of the degree. See "Related Area Requirements" for approved programs See also **Teacher Education Programs**.

Student Learning Goals

Students completing this program will understand physical education content, disciplinary concepts, and tools of inquiry related to how individuals learn and develop movement skills, and they will demonstrate effective verbal, nonverbal, and media communication techniques. They will be able to plan and implement a variety of developmentally appropriate instructional strategies, and use both formal and informal assessment strategies. A focus will be on becoming a reflective practitioner who collaborates with others and seeks opportunities to grow professionally.

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category **S.H.**

Students may select courses for the following, depending on which second academic concentration is followed:

Literature (GLT) 3
Fine Arts (GFA) 3
Philosophical, Religious, Ethical Principles (GPR) 3
One additional GLT, GFA, or GPR course 3
Historical Perspectives on Western Culture (GHP) 3

Department specifies courses for:

Mathematics (GMT) 3
required: STA 108
Natural Sciences (GNS) 8
required: BIO 111 and one additional GNS course with a different departmental prefix (depending on which second academic concentration is followed)
Reasoning and Discourse (GRD) 6
required: ENG 101 or FMS 115 or RCO 101, and one additional GRD course
Social and Behavioral Sciences (GSB) 6
ESS 330 and PSY 121

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers, at least one of which must carry the GN marker

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major.** All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major.** All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III Major Core Requirements

ESS 250, 330*, 351, 375, 376, 386, 388 and 6 activity courses must be completed with a grade of C (2.0) or higher. The six activity courses must include: ESS 207, 208, 213, 214, 315, 316.

NOTE: No required ESS course may be taken more than twice. Students who receive a grade below C twice in the same required ESS course will be dropped from their concentration. Students who receive a grade below C twice in the same ESS Theory Core course will be dropped from the major.

**ESS 330 satisfies three (3) semester hours of GSB.*

IV Second Academic Concentration Requirements

In addition to the related area requirements listed below, students in this concentration must complete a second academic concentration consisting of 18 semester hours of course work in a basic academic discipline selected from the following approved programs: Anthropology, Art, Biology, Classical Studies, Communication Studies, English, Geography, German, History, Human Sciences, Mathematics, Philosophy, Physics and Astronomy, Political Science, Psychology, Religious Studies, and Sociology. The following 18-hour interdisciplinary academic concentrations have been approved for Physical Education Teacher Education: Diversity Studies and

Global Studies. Second academic concentrations in Spanish and French require 24 semester hours of course work to complete. See advisor for specific course requirements and details.

V Related Area and Teacher Licensure Requirements

Related Area Requirements for all Physical Education Teacher Education students: BIO 111*, 271, 277; CUI 450, 470; ELC 381; HEA 201; PSY 121*; STA 108*

Teacher Licensure requirements included in these related area requirements are: CUI 450, 470; ELC 381; HEA 201; PSY 121. Satisfactory teaching and technology portfolios are also required.

**BIO 111 satisfies four (4) semester hours of GNS; PSY 121 satisfies three (3) semester hours of GSB; STA 108 satisfies GMT.*

VI Additional Concentration Requirements

ESS 217, 355, 455, 456, 457, 461–462, 464, RPM 314

VII Additional Requirements

Additional information may be found in the ESS Handbook and in the Teacher Education Programs section of this *Bulletin*.

- A minimum GPA of 2.50; a satisfactory teaching portfolio and goals statement are required for admission to Teacher Education.
- Students who have not been admitted to the Teacher Education Program **may not enroll** in ESS 355, 455, 456, 457, 461, 462, 464.
- Certification in ARC Sport Safety Training Community First Aid and CPR must be current for ESS 461–462.
- To qualify for graduation in this concentration, all majors must achieve a grade of C (2.0) or better in each required course with an ESS prefix.
- To graduate, all majors must obtain at least 36 s.h. in courses at the 300 level or above.
- Appeals of any of these requirements must be filed with the appropriate departmental committee within one academic year.

Community Youth Sport Development Concentration (124 semester hours)

The **Community Youth Sport Development** concentration prepares students to teach and work in community-based youth serving agencies. Students will gain competencies in teaching, program design, implementation and evaluation, funds management/supervision, addressing social inequalities, and cross-cultural awareness.

Student Learning Goals

Students completing this program will understand basic theories and concepts relevant to non-profit organizational and educational settings. Students will demonstrate competencies in teaching, program design, implementation, evaluation, funds development, community collaboration, volunteer and staff management, and supervision. Students will apply foundations in biophysical, behavioral, and sociohistorical studies to an understanding of the role of community-based physical activity programs in addressing social issues and promoting lifelong physical activity within communities of diverse social needs.

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
One additional GLT, GFA, or GPR course	3
Historical Perspectives on Western Culture (GHP)	3
Department specifies courses for:	
Mathematics (GMT)	3
required: STA 108	
Natural Sciences (GNS)	6–7
required: BIO 111 and one additional GNS course with a different departmental prefix	
Reasoning and Discourse (GRD)	6
required: ENG 101 or FMS 115 or RCO 101, and one additional GRD course	
Social and Behavioral Sciences (GSB)	6
ESS 330 and PSY 121	

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers, at least one of which must carry the GN marker

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major**. All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major**. All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III Major Core Requirements

ESS 250, 330*, 351, 375, 376, 386, and 388 and 6 activity courses must be completed with a grade of C (2.0) or higher. The six activity courses must include: ESS 207, 208, 213, 214, 315.

NOTE: No required ESS course may be taken more than twice. Students who receive a grade below C twice in the same required ESS course will be dropped from their concentration. Students who receive a grade below C twice in the same ESS Theory Core course will be dropped from the major.

**ESS 330 satisfies three (3) semester hours of GSB.*

IV Related Area Requirements

BIO 111*, 271, 277; PSY 121*; STA 108*; HEA 201

**BIO 111 satisfies four (4) semester hours of GNS; PSY 121 satisfies three (3) semester hours of GSB; STA 108 satisfies GMT.*

V Additional Concentration Requirements

ESS 217, 355, 381, 455, 456, 457, 464, 519, 520, 521, 522

VI Electives

Students may select courses to complete the 124–128 semester hours required for degree.

VII Additional Requirements

Additional information may be found in the ESS Handbook.

- A minimum GPA of 2.50 and a successful entry interview are required for admission to CYSD.
- Certification in ARC Community First Aid and CPR must be current for ESS 522.
- ESS 522 (Internship experience) requires a cumulative GPA of at least 2.50 and an application process with specific requirements. See section on "Requirements for Internships."
- To qualify for graduation in this concentration, all majors must achieve a grade of C (2.0) or better in each required course with an ESS prefix.
- To graduate, all majors must obtain at least 36 s.h. in courses at the 300 level or above.
- Appeals of any of these requirements must be filed with the appropriate departmental committee within one academic year.

Requirements for Internships

The Fitness Leadership and Aquatics Leadership Internships (ESS 494 and 595) have specific requirements. Students should begin investigating these requirements at the beginning of the junior year by obtaining written, detailed instructions from the ESS Department, 237 HHP Building.

Aquatics Leadership Internship

At the time of application for placement in ESS 494, students must present evidence of the following:

1. Health and immunization clearances:
   a. A tuberculin Mantoux skin test (or chest X-ray if skin test is positive) valid through the internship
   b. A tetanus toxoid immunization
   c. Evidence of Measles, Mumps, and Rubella immunization as required by the University
   d. Chicken Pox titer or Chicken Pox vaccination
   e. Completion of Hepatitis B immunization series (The inoculation series should begin at least one year before the semester of internship placement.)

   If immunization requirements change on short notice, students will be notified.
2. Students must purchase professional liability insurance to begin ESS 494. Students should obtain a written, detailed explanation of this requirement in the ESS departmental office.
3. The student must have a cumulative GPA of at least 2.50 to enroll in ESS 494.
4. An application process must be completed prior to registration in ESS 494.

Fitness Leadership Internship

At the time of application for placement in ESS 595, students must present evidence of the following:

1. Health and immunization clearances:
   a. A tuberculin Mantoux skin test (or chest X-ray if skin test is positive) valid through the internship
   b. A tetanus toxoid immunization
   c. Evidence of Rubella, Mumps, and Measles immunization as required by University
   d. Chicken Pox titer or Chicken Pox vaccination
   e. Completion of Hepatitis B immunization series (The inoculation series should begin at least one year before the semester of internship placement.)

   If immunization requirements change on short notice, students will be notified.
2. Students must purchase professional liability insurance to begin ESS 595. Students should obtain a written, detailed explanation of this requirement in the ESS departmental office.
3. The student must have a cumulative GPA of at least 2.50 to enroll in ESS 595.
4. An application process must be completed prior to registration in ESS 595.
5. ESS 469 and 570 must be taken prior to enrollment in or concurrently with ESS 595.

Honors in Exercise and Sport Science

Requirements (12 semester hours)

Twelve semester hours to consist of:

1. Nine (9) s.h. of Honors courses, advanced courses, and/or contract courses including at least six (6) s.h. of upper-division work (300 level or above), and
2. Three (3) s.h. in the form of HSS 490 Senior Honors Project.

Qualifications

- A declared ESS Major
- A grade of at least B in all course work used to satisfy the Honors requirement in ESS
- At least a 3.30 overall GPA at graduation

Recognition

The designation "Completed Disciplinary Honors in Exercise and Sport Science" and the title of the Senior Honors Project will be printed on the student's official transcript.

Honors Advisor

See Diane Gill (336/334-4683), diane_gill@uncg.edu, for further information about Honors in ESS. Contact the Director of the Lloyd International Honors College (205 Foust Building, 334-5538) for further information about the Lloyd International Honors College and its General-Education Honors Program.

Minor in Sport Coaching

Required: minimum of 21 semester hours

AOS Code: U410

The Sport Coaching Minor may be chosen by any degree-seeking UNCG student. To assure practicum placements, students must apply to the Department for approval of their Sport Coaching Minor Plan before completing 15 semester hours of the program. Approved plans for courses and qualifications will reflect the eight domains of sport coaching competence recognized by the National Association for Sport and Physical Education in the publication National Standards for Athletic Coaches, 1995.

Minimum requirements for an acceptable program plan include:

1. Injuries—Prevention, Care and Management: ESS 353
2. Risk Management—ESS 477, and a current appropriate student professional or Sport National Governing Body membership
3. Growth, Development, and Learning—ESS 386, or other approved course (e.g., ESS 381 or RPM 314)
4. Training: Conditioning and Nutrition—ESS 220 or HEA 201 or NTR 213
5. Social/Psychological Aspects of Coaching: ESS 330, 388
6. Skills, Tactics and Strategies: ESS elective (ESS 207, 208, 276) or minimum 1 s.h. intermediate level activity course, or certification in the sport of coaching
7. Teaching and Administration: ESS 213 or 214 or 301, and 475 (1 s.h.) or specialized credential (e.g., WSI, USTA, USFHA)
8. Professional Preparation and Development: ESS 477 coaching placement

At the time of placement for ESS 477 Coaching Principles and Practicum, each student must hold current Sport Safety Training or First Aid and CPR (Adult/Child) certification. Students must pass ASEP Coaching Principles with a minimum 80%.

Accelerated Master's Program for ESS Majors

Interested students should see **Accelerated Master's Programs for Undergraduates** for details about the B.S. in Exercise Science & Sport Studies—Sports Medicine/M.S. in Exercise Science & Sport Studies—Athletic Training program requirements.

EXERCISE AND SPORT SCIENCE COURSES (ESS)

Any University student may take up to eight (8) s.h. of elective credit in physical education activity courses to apply toward graduation.

GE Core denotes General Education Core credit; GE Marker denotes General Education Marker credit; CAR denotes College Additional Requirement credit.

Courses for Undergraduates

101 Beginning Volleyball (1:0:3)

Development of fundamental skills, strategic elements, and knowledge of volleyball with opportunity for team play.

102 Team Handball (1:0:3)

Olympic sport activity which uses basketball playing skills in a soccer format.

103 Softball (1:0:3)

Introduction to basic techniques, knowledge, and strategies of slow pitch softball.

104 Beginning Basketball (1:0:3)

Development of fundamental skills, strategical elements, and knowledge of basketball.

106 Beginning Soccer (1:0:3)

Development of fundamental skill, strategies, and knowledge of soccer.

107 Field Hockey (1:0:3)

Course offers opportunity to develop the necessary skills and knowledge to participate in the team game of field hockey. Topics include skills, field layout, rules, tactics, goalkeeping, and officiating. (FALL)

119 Physical Activity for Individuals with Special Needs (1:0:3)

Pr. permission of a faculty supervisor and medical approval

- *May be repeated for credit.*

Designed to provide one-to-one or small group instruction in physical activity for those students who, because of their disabling conditions, are unable to participate in scheduled physical education activity courses as usually structured.

120 Conditioning (1:0:3)

- *May be repeated for credit once.*
- *Students may not take both ESS 299 and 120.*

Principles of conditioning. Physical fitness assessment and development of a personal fitness program. Emphasis on maintenance or improvement of cardio-respiratory fitness.

122 Bicycling (1:0:3)

Introduction to basic cycling techniques, safety, bicycle maintenance, planning and participating in various trips. Must have own bike.

123 Beginning Snow Skiing (1:0:3)

- *Fee: approximately $200.*

Introduction to basic techniques, safety, and equipment of snow skiing. Fee: approximately $200, includes equipment rental, slope and lift fee, accident insurance, at French-Swiss Ski School, Blowing Rock, North Carolina.

124 Backpacking (1:0:3)

- *Fee: approximately $20 for food and travel.*

Introduction to backpacking including 20 hours of class sessions plus 1 overnight weekend trip to relatively secluded area.

125 Hiking/Camping (1:0:3)
- *Fee: approximately $20 for food, travel, and campground fees.*

Basic hiking/camping skills, compass, and topographical map use. Includes 20 hours of class sessions plus 1 overnight weekend camping trip.

126 Modern Rhythmical Gymnastics (1:0:3)

Manipulation of hand apparatus (balls, hoops, ropes) to musical accompaniment.

127 Beginning Golf (1:0:3)
- *Fee: approximately $30.*

Development of fundamental skills, strategic elements, and knowledge of golf. Opportunity to practice at both on and off campus facilities.

128 Beginning Bowling (1:0:3)
- *Fee: approximately $30 for use of off-campus facility.*

Development of fundamental skills, strategic elements, and knowledge of bowling with opportunity for match play.

130 Weight Training (1:0:3)
- *May be repeated once for credit.*

Weight training with emphasis on principles, techniques, and development of individualized programs.

131 Jogging (1:0:3)
- *May be repeated once for credit.*

Designed for the developing jogger, including information on basic skills and knowledge, graduated jogging programs, and self-testing procedures.

132 Ice Skating (1:0:3)
- *Fee: approximately $40, includes skate rental and rink fee.*

Fundamental skills of ice skating forward and backward with opportunity to learn spins, jumps, and free skating skills.

142 Social Dance (1:0:3)

Development of basic dance fundamentals, emphasizing the foxtrot, swing or jitterbug, cha-cha, waltz, tango, polka, rumba, samba, and current popular dances.

147 Square Dance (1:0:3)

Exploration of steps, patterns, formations, and cultural/historical background of American square dance.

150 Swimming for Non-Swimmers (1:0:3)

Designed for students with a fear of the water who cannot swim.

151 Beginning Swimming (1:0:3)

Development of fundamental swimming and safety skills; designed for students with little or no knowledge of strokes and limited deep water experience.

170 Beginning Fencing (1:0:3)

Development of fundamental skills, tactics, and knowledge of foil fencing with opportunity for competitive bouting.

171 Beginning Badminton (1:0:3)

Development of fundamental skills, strategic elements, and knowledge of badminton with opportunity for match play.

172 Beginning Self-Defense (1:0:3)

Development of fundamental skills, strategic elements, and knowledge of non-weapon defense, including techniques from karate and judo.

173 Beginning Racquetball (1:0:3)

Development of fundamental skills, strategic elements, and knowledge of racquetball with opportunity for match play.

174 Wrestling (1:0:3)

Combative sport offering participant a physically demanding experience and opportunity to develop wrestling skill and fitness.

175 Beginning Tennis (1:0:3)

Development of fundamental skills, strategic elements, and knowledge of tennis with opportunity for match play in singles and doubles.

201 Intermediate Volleyball (1:0:3)

Extension and refinement of beginning level skills, strategies, and knowledge of volleyball. Emphasis on tactical elements of team play.

202 Water Aerobics (1:0:3)

Various methods of water exercise for conditioning are presented with focus on proper alignment and technique, principles of conditioning, and assessment. Emphasis on improvement and maintenance of personal fitness.

203 Fitness Swim (1:0:3)

Emphasis on stroke efficiency and lap swimming for conditioning. Principles of conditioning, assessment and periodization are applied to swimming. Emphasis on improvement and maintenance of personal fitness.

204 Intermediate Basketball (1:0:3)

Extension and refinement of beginning level skills, strategies and knowledge of basketball. Emphasis on tactical elements of team play.

205 Rhythmic Aerobics (1:0:3)
- *May be repeated once for credit.*

Conditioning course in which participants exercise to musical accompaniment for purpose of developing cardiovascular efficiency, strength, and flexibility.

206 Intermediate Soccer (1:0:3)

Extension and refinement of beginning level skills, strategies and knowledge of soccer. Emphasis on tactical elements of team play.

207 Selected Physical Activities I—Core Program (2:1:2)
Pr. ESS majors only.

Survey of selected physical activities with special emphasis on personal performance experience and movement analysis. (FALL)

208 Selected Physical Activities II—Core Program (1:0:3)
Pr. ESS majors only.

Continued experience in selected physical activities, with special emphasis on personal performance. (SPRING)

209 Advanced Rhythmic Aerobics (1:0:3)

Conditioning course designed for students who have foundational knowledge and experience in rhythmic aerobics. Beginning level experience extended through use of complex choreography patterns and advanced training methods. (FALL & SPRING)

210 Rhythmic Aerobics Instructor (2:2:1)
Pr. 209 or permission of instructor

Examination and application of principles from exercise science, music structure and group management for teaching rhythmic aerobics. Assists in preparation for ACSM Exercise Leader, AFAA and ACE Aerobics Instructor certifications. (FALL & SPRING)

213 Sports Performance & Analysis I (1:3)

Skill development and analysis of soccer and basketball skills. Learning and application of physical education content in a developmental model. (SPRING)

214 Sports Performance & Analysis II (1:3)

Skill development and analysis of tennis and volleyball skills. Learning and application of physical education content in a developmental model. (FALL)

217 Introduction to the Teaching of Physical Education (2:3)

Nature of teaching physical education; emphasis on its relationship to total educational experience. First-hand experience working with learners of diverse backgrounds and ability, grades K through 12, in varied settings. (FALL)

220 Physical Fitness for Life (3:3)

Lecture course with selected activity experiences regarding principles and methods for developing and maintaining fitness. Development and implementation of a personal physical fitness program designed for continuing participation throughout life.

223 Intermediate Snow Skiing (1:0:3)

- *Fee: approximately $200, includes equipment rental, fees, and accident insurance for 5 days at French-Swiss Ski School, Blowing Rock, North Carolina.*

Intermediate techniques of skiing including parallel turns, mogul skiing, wedging, and introduction to free-style skiing.

227 Intermediate Golf (1:0:3)

- *Fee: approximately $30.*

Extension and refinement of beginning level skills, strategies and knowledge of golf. Opportunity to practice at both on and off campus facilities.

228 Intermediate Bowling (1:0:3)

- *Fee: approximately $30 for use of off campus facility.*

Extension and refinement of beginning level skills, strategies and knowledge of bowling with opportunity for match play.

230 Psychological Skills for Optimal Performance (3:2:2)

Overview of sport psychology principles applied to sport and exercise activities. Includes experience in psychological skills training.

240 Introduction to World Folk Dance (1:0:3)

Basic experiences in folk dance designed to acquaint the beginning student with the steps, patterns, formations, national characteristics, and cultural settings of dances from all parts of the world.

242 Clogging (1:0:3)

Basic steps of clogging, historical and cultural concepts pertaining to clogging, and use of these steps in precision routines, freestyle clogging, and Appalachian Big Circle Mountain Dancing.

243 Intermediate Folk Dance (1:0:3)

Pr. 240 or permission of instructor

Refinement of beginning folk dance skills and stylistic factors; advanced dance steps, patterns, and formations.

250 Introduction to Exercise and Sport Science (3:3)

Survey of the discipline of exercise and sport science. Analysis of the nature and importance of physical activity, knowledge base of the discipline, and careers in physical activity professions.

252 Low Intermediate Swimming (1:0:3)

Extension of basic swimming and safety skills; must be comfortable in deep water.

254 High Intermediate Swimming (1:0:3)

Refinement of swimming and safety skills; development of swimming endurance.

255 Water Safety Education (1:0:3)

Designed for students who do not wish to become lifeguards but who have responsibility for others in aquatic situations. Topics include personal and group water safety, and prevention and response to water accidents.

256 Advanced Swimming (1:0:3)

Continued refinement of swimming strokes and stroke variation; focus on distance swimming and competitive skills.

257 Synchronized Swimming (1:0:3)

Development of fundamental skills in synchronized swimming, and individual and group routines. Must be comfortable in deep water.

258 Lifeguard Training (3:2:2)

Pr. CPR/First Aid certification; successful performance on swimming entrance tests

- *Lab fee for supplies required.*

Skills, knowledge and techniques for lifeguarding with possibility of certification in CPR for the Professional Rescuer, First Aid and Pool Lifeguarding. (FALL & SPRING)

260 Water Polo (1:0:3)

Development of fundamental skills, strategic elements and knowledge of water polo. Must be comfortable in deep water and have a minimum of intermediate swimming skills.

261 Springboard Diving (1:0:3)

Development of fundamental skills, understanding of mechanical principles, and overall knowledge for judging and coaching for 1 meter springboard diving.

262 Safety Training for Swim Coaches (1:0:3)

Development of knowledge about safety issues in competitive swimming, including aquatic facility hazards, training techniques, and medical conditions. Must have background in competitive swimming or coaching.

263 Basic SCUBA (1:0:3)

- *Additional fees for equipment rental and certification; must provide own mask, fins, snorkel and booties.*

Development of fundamental skills, knowledge, and techniques of skin and SCUBA diving. Opportunity provided for open water training and final certification.

264 Advanced SCUBA (2:1:2)

Pr. 263 or equivalent and permission of instructor

- *Additional fees for equipment rental, quarry use and certification; must provide own mask, fins, snorkel, and booties.*

Extension of skills and knowledge beyond level of basic SCUBA diver, including familiarity with operation and maintenance of SCUBA equipment. Opportunities provided for speciality certifications.

268 Canoeing (1:0:3)

- *Additional fees for equipment and field trips.*

Development of fundamental canoeing skills; day and overnight camping/canoeing trips possible. Must have ability to swim in deep water for 15 minutes without aid.

270 Intermediate Fencing (1:0:3)

Refinement of beginning skills, high- and low-line attacks and defenses; advanced footwork; and electrical foil fencing.

271 Intermediate Badminton (1:0:3)

Extension and refinement of beginning level skills, strategies, and knowledge of badminton. Emphasis on tactical elements of match play.

272 Taekwondo (1:0:3)

Acquisition and development of the basic techniques and knowledge of taekwondo. Presented in the culturally correct form.

273 Intermediate Racquetball (1:0:3)

Extension and refinement of beginning level skills, strategies, and knowledge of racquetball. Emphasis on tactical elements of match play.

275 Intermediate Tennis (1:0:3)

Extension and refinement of beginning level skills, strategies, and knowledge of tennis. Emphasis on tactical elements of match play in singles and doubles.

276 Advanced Tennis (1:0:3)

Extension and refinement of intermediate level skills, strategic elements and knowledge of tennis. Emphasis on optimizing performance through mental preparation and structured practice.

277 Advanced Golf (1:0:3)

- *Fee: approximately $20.00.*

Advanced physical and mental skills will be learned, practiced, and implemented. Approximately one-third of the course will include playing at a local golf course.

280 Research and Evaluation in Exercise and Sport Science (3:3)

Pr. sophomore standing; STA 108 or 271

Overview of measurement, evaluation, and research methods in exercise and sport science; emphasis on applications to professional practice.

285 Motor Development (3:3)

Life span analysis of motor skill development as a function of chronological age.

290 Aesthetics of Sport (2:2:1)

Theoretical and laboratory experiences to analyze and synthesize sport theory and aesthetic theory in order to explore the nature of a sport aesthetic.

299 Physical Conditioning for Children (1:0:3)

Pr. ESS majors only.

Principles and components of health-related and performance-related conditioning. Emphasis on the design, implementation, and evaluation of conditioning programs for children.

301 Advanced Sport Technique (1:0:3)

Pr. permission of Activity Instructor Program Coordinator

- *May be taken once for each sport studied.*

Advanced tutorial in individual sports. Meets concurrently with intermediate-level class. May not be taken in lieu of existing advanced course.

315 Children's Educational Games (1:0:3)

Pr. ESS majors; open to elementary education majors with permission of instructor.

Performance and analysis of game skills and offensive/defensive strategies appropriate for children. (FALL)

316 Children's Educational Gymnastics (1:0:3)

Pr. ESS majors; open to elementary education majors with permission of instructor.

Performance and analysis of gymnastic skills appropriate for children. (FALL)

330 Sociocultural Analyses of Sport and Exercise (3:3:1)

GE Core: GSB

Analyses of sports and exercise in sociocultural contexts, including professional, intercollegiate, youth sport, character, aggression, gender, race, class, and media. Field experience in local community agency required.

341 Teaching Elementary School Physical Education I (3:3)

Pr. junior or senior standing, or permission of instructor

Introduction to teaching physical education in grades K–6. Designed especially for the preservice classroom teacher. May include some field experiences.

342 Teaching Motor Skills to Preschool Children (3:2:3)

Pr. junior or senior standing, or permission of instructor

Strategies and techniques to enhance motor skill development of children ages 2–5 in the home, on the playground, and in the classroom. Field work with children emphasized.

350 History of American Sport (3:3)

Examination of the development and significance of sport in American society.

351 History and Philosophy of Sport and Physical Education (3:3)

Study of significant people, events, and institutions affecting the development of sport and exercise in North America. Analysis of major philosophic issues relating to sport and exercise.

352 Philosophy of Sport (3:3)

Overview of philosophical concerns related to study of sport and sport experiences, examined with use of current sport philosophy literature.

353 Injuries and Illnesses in Physical Activity (3:3)

Pr. BIO 271

Instruction in the prevention, recognition, and basic care of common injuries and illnesses that occur in a sport and exercise setting. (FALL & SPRING)

354 Curriculum and Teaching: Children's Physical Education (3:1:6)

Pr. 315, 316, or permission of instructor

- *Admission to Teacher Education is required.*

Planning and organizing for teaching and observation of movement in children's physical education. Special emphasis will be on philosophy, curriculum development, and selection of appropriate content for elementary students. (FALL)

355 Instructional Strategies in Physical Activity Settings (3:3)

Pr. admission to Physical Education Teacher Education or Community Youth Sport Development Concentration, or permission of instructor

Planning and organizing for teaching and observation of movement in physical activity settings with special emphasis on lesson planning, management, assessment, task presentation, and content development. (SPRING)

359 Water Safety Instructor (3:2:2)

Development of knowledge and skill to teach others in the American Red Cross programs of swimming and elementary rescue. Certification as a WSI is possible.

360 SCUBA Rescue (2:1:2)

Pr. 264 (may be taken concurrently) or equivalent with permission of instructor

- *Additional fees for equipment rental, quarry use, and certifications.*
- *Students must provide own mask, fins, snorkel, and booties.*

Develop fundamental skills and knowledge needed to evaluate and take action in SCUBA rescue situations. Certification in CPR, First Aid, and administration of O_2 possible.

365 SCUBA Divemaster (2:1:2)

Pr. permission of instructor

- *Additional fees for equipment rental, quarry use, and certifications.*
- *Students must provide own mask, fins, snorkel, and booties.*

Entry level course to become a diving professional. Development of comprehensive knowledge of diving theory as well as the abilities to organize, conduct, and supervise recreational diving activities.

375 Physiology of Sport and Physical Activity (4:3:3)
Pr. BIO 271 and 277, or permission of the instructor
Provides students with understanding of factors affecting the physiological function of the body related to exercise and physical performance. Laboratory provides experiences in evaluating these physiological factors. (FALL OR SPRING OR SUMMER)

376 Biomechanics of Sport and Physical Activity (3:2:3)
Pr. BIO 271 or permission of instructor; one course in calculus or algebra recommended.
Anatomical and mechanical bases of physical activity with emphasis on the analysis of sport and exercise skills.

379 Exercise Instruction (3:3)
Pr. 120, 130, and 220, or permission of instructor
- *ESS majors only.*

Designing and implementing exercise instruction techniques for individuals and groups. (FALL & SPRING)

381 Physical Education for Individuals with Special Needs (3:3)
Survey of all aspects of developmental, adapted, and corrective physical education for populations of children and adults with disabilities. Field experiences may be required.

385 Motor Learning and Control (3:3)
Pr. PSY 121
Analysis of mechanisms and environmental variables influencing the acquisition and control of skilled motor behavior at all ages. Introductory research techniques and experiences collecting data on human motor performance.

386 Motor Development and Learning (4:3:2)
Life span analysis of motor skill development and learning. (FALL & SPRING)

388 Psychology of Sport and Exercise (4:4)
Pr. PSY 121
An examination of the psychological theories and research related to physical activity with emphasis on application in sport and exercise settings. (FALL & SPRING)

389 Exercise Adherence (3:3)
Pr. ESS 388
An examination of the determinants, theories, and research related to exercise adherence; emphasis on application in health-related physical activity and exercise settings. (FALL)

390 Prevention and Emergency Care of Athletic Injuries (2:2)
Coreq. 391
- *Supplies cost approximately $12.*

Introduction to the field of athletic training emphasizing principles of prevention of athletic injuries and management of life-threatening and catastrophic injuries.

391 Athletic Training Clinical Education I (1:0:5)
Coreq. 390 or permission of instructor
- *Lab fee for supplies required.*

Laboratory sessions and supervised field experience. Introduction to athletic training with focus on development of skills in prevention of athletic injuries and management of catastrophic and life-threatening injuries. (FALL)

410 Process of Skill Acquisition (1:0:3)
Pr. ESS Majors only. ESS 288, 385, and 388; 375 and 376 are approved corequisites.
Focus on integration of theoretical knowledge across core courses with applied experience in skill acquisition.

425 Assistant Instructor of SCUBA (3:1:4)
Pr. permission of instructor
- *Additional fees for equipment rental, quarry use, and certifications.*
- *Students must provide own mask, fins, snorkel, and booties.*

Refine skills and theoretical knowledge to instructor level; develop instructional skills, understand administration and certification procedures.

441 Athletic Training Clinical Education II (3:0:12)
Pr. BIO 271, ESS 390, 391, acceptance in the ESSS Sports Medicine Program, or permission of instructor
- *Lab fee for supplies required.*

Laboratory sessions and supervised field experience to develop clinical skills in selected athletic training tasks as required by the National Athletic Trainers Association. (SPRING)

454 Curriculum and Teaching: Secondary School Physical Education (3:1:6)
Pr. 213, 214, or permission of instructor
- *Admission to Teacher Education is required.*

Planning and organizing for teaching and observation of movement in secondary school physical education. Emphasis on the analysis of the teaching process, curriculum development, and selection of appropriate content. (SPRING)

455 Teaching Practicum I: Physical Fitness for Children and Adolescents (2:1:2)
Pr. ESS 355 and admission to Physical Education Teacher Education or Community Youth Sport Development concentration
Practicum experiences in children's and adolescents' physical activity settings with special emphasis on designing, planning, and integrating health-related physical fitness. (FALL)

456 Teaching Practicum II: Children's Physical Activity (2:1:2)
Pr. ESS 355 and admission to Physical Education Teacher Education or Community Youth Sport Development concentration
Practicum experiences in teaching physical activity to children with special emphasis on lesson planning, management, assessment, task presentation, and content development. (SPRING)

457 Teaching Practicum III: Adolescents' Physical Activity (2:1:2)
Pr. ESS 355 and admission to Physical Education Teacher Education or Community Youth Sport Development concentration
Practicum experiences in teaching physical activity to adolescents with special emphasis on lesson planning, management, assessment, task presentation, and content development. (FALL)

458 Aquatic Facilities Management (3:3)
Develop fundamental knowledge and skills required to manage an aquatic facility, including risk management, operating procedures, maintenance, and record keeping. Certification as National Swimming Pool Foundation Certified Pool Operator possible.

459 Aquatics Instruction for Individuals with Special Needs (3:2:2)
- *Liability insurance required (available in class).*

Develop knowledge and skills to teach aquatic skills to persons with special needs; activities include practice teaching, discussion of disabling conditions, and inclusion. Certification as a Teacher of Adapted Aquatics possible.

461, 462 Student Teaching and Seminar in Physical Education (6), (6)

Pr. program requirements leading to student teaching. Methods courses (ESS 354 and 454) must be taken at UNCG. Admission by application only.

- *Admission to Teacher Education is required.*
- *ARC FA and CPR must be current.*
- *Grade: Pass/Not Pass (P/NP).*

Block courses in professional semester for teacher education majors. Techniques of teaching physical education under supervision. Full-time teaching in schools. Weekly seminars. (SPRING)

464 Administration of Physical Education and Athletics (3:3)

Pr. senior standing, and admission to Teacher Education or CYSD concentration, or permission of instructor

Administration of physical education and sport programs with special emphasis on long-range planning, organizing programs, public relations, financial management, legal issues, and risk management.

467 Techniques in Exercise and Fitness Testing (2:1:3)

Pr. grade of C or better in ESS 375; grades of C or better in all required ESS courses; GPA of 2.50 or better and admission to the fitness leadership concentration; or permission of instructor

Coreq. 468

Laboratory and field techniques in exercise and fitness testing. (FALL & SPRING)

468 Exercise and Fitness Testing (3:3)

Pr. 375 with a grade of C or higher, GPA of 2.50 and admission to the fitness leadership concentration, or permission of instructor; grades of C (2.0) or better in all required ESS courses

Coreq. 376, 467, or permission of instructor

Emphasizes safe and effective testing of elements of health-related physical fitness as outlined by the American College of Sports Medicine. Includes basics of electrocardiogram interpretation and clinical exercise testing. (FALL & SPRING)

469 Exercise Prescription (3:3)

Pr. 379, 389, 468, GPA of 2.50 and admission to the fitness leadership concentration, or permission of instructor; grades of C (2.0) or better in all required ESS courses

Scientific principles of exercise prescription for healthy individuals of all ages, individuals at risk for disease, and those with known chronic disease. (FALL & SPRING)

471 Internship Preparation in Fitness Leadership (1:1)

Pr. admission to fitness leadership concentration; ESS 375 or permission of instructor

Coreq. ESS 468 or 469 or permission of the instructor

Professional preparation, planning, and placement for supervised internship experience (ESS 595). (FALL OR SPRING)

475 Independent Study (1–3)

Pr. demonstrated competency for independent work and permission of academic adviser, instructor, and undergraduate program coordinator.

Intensive work in area of special interest in physical education. Available to qualified students on recommendation of academic advisor, instructor, and undergraduate program coordinator.

476 Problems Seminar (2:2)

Current problems in field of physical education. Opportunity for student to specialize in a problem of his choice. Emphasis of the problem shall be approved by instructor.

477 Coaching Practicum in a Selected Sport (3:6)

Pr. current First Aid/Sports Safety Certification; upper division students seeking minor in sport coaching, or permission of instructor

Opportunity for prospective coach to assume various responsibilities in coaching a selected sport under the guidance of a qualified coach.

493 Honors Work (3–6)

Pr. permission of instructor; 3.30 GPA in the major, 12 s.h. in the major

- *May be repeated for credit if the topic of study changes.*

494 Internship in Aquatic Leadership (3:1:10 or 6:1:20)

Pr. permission of instructor required, in addition to the following: cumulative GPA of 2.50 or better; completion of all ESS core courses; grades of C (2.0) or better in all required ESS courses

- *An application process must be completed prior to registration.*
- *May be repeated for credit if taken for three (3) semester hours; maximum credits may not exceed six (6) hours.*
- *Grade: letter grade.*

A supervised field experience in aquatic leadership in qualified agencies. Requirements include specific assignments, supervision, seminars on campus, and evaluation of student's performance. (New course number effective FA 03; formerly ESS 594)

495 Senior Project (3:3)

Pr. 475; 3.0 GPA; and permission of department

Independent scholarly work in an area of exercise and sport science completed under the supervision of a faculty member, culminating in a scientific report or other appropriate scholarly presentation. (FALL & SPRING & SUMMER)

Courses for Advanced Undergraduates & Graduate Students

A minimum GPA of 2.30 at UNCG is required for an undergraduate to enroll in 500-level courses in the Department of Exercise and Sport Science.

519 Mentoring in Community Youth Development Programs (2:1:2)

- *May be repeated for credit.*

Service learning experience mentoring an elementary or middle school youth in a community youth sport program. On campus seminars required. (FALL & SPRING)

520 Physical Activity Programs for Underserved Youth (3:3)

Overview of community-based programs designed to meet the needs of underserved youth; roles of universities and community agencies in such programs; development of leadership skills. (SPRING)

521 Evaluation of Physical Activity Programs in Youth Development (3:3)

Pr. 520

Examination of traditional and nontraditional strategies for effective youth program evaluation; attention to analysis and interpretation of data used in conducting such evaluations. (SPRING)

522 Internship in Community Youth Sport Development Programs (12:1:36)

Pr. 520, 521; undergraduates must have a 2.50 GPA or permission of instructor to register for this course.

- *Grade: Satisfactory/Unsatisfactory, S/U.*

Supervised field experience in qualified agencies. Course involves specific assignments, seminars on campus, and evaluation of student's performance. (FALL & SPRING & SUMMER)

530 Play, Games, and Sport (3:3)

Examination of major conceptualizations of play, games, and sport; comparisons and contrasts among the concepts.

531 Issues in Competitive Sports for Children and Youth (3:3)

Pr. permission of instructor

In-depth examination of significant issues related to competitive sports in the lives of today's children and youth. Special attention given to studying the roles and responsibilities of the adults involved.

532 Women in Sport and Physical Activity (3:3)

Pr. junior standing or higher in Exercise and Sport Science or Women's Studies, or permission of instructor

Examination of women's experiences in sport and physical activity. Consideration of historical, biological, psychological, and socio-cultural perspectives.

535 Exercise Science/Fitness Internship (3:0:8)

Pr. 568 or instructor's approval. Permission of instructor required.

Field experience in fitness leadership in qualified agencies providing fitness programs. Students must purchase professional liability insurance.

536 Anatomical Basis of Athletic Injury (2:1:3)

Pr. undergraduate anatomy and physiology

Focus on the link between anatomical structure, function, and athletic injury evaluation. The functional consequence of injury and rehabilitation on anatomical structures will also be addressed. (SUMMER)

545 Psychology of Coaching (3:3)

Pr. PSY 121 or permission of instructor

Overview of sport psychology principles applied to the teaching and coaching of sport activities.

550 Sports Clinic (1)

Designed to improve teaching and coaching techniques in various sports utilizing current game strategies.

559 Water Exercise for Therapy and Rehabilitation (3:2:2)

Pr. 375 or 376 (may be taken concurrently)

Design and implementation of therapeutic aquatic exercise programs for persons with injuries or disabilities. Understanding of anatomical structure and movement provide the basis for aquatic protocols. (SPRING)

560 Aquatic Therapeutic Modalities (3:2:2)

- *459 or 550 recommended*

Mobility assessment and identification of contraindications for movement therapies used in therapeutic aquatics; development of techniques and protocols to increase mobility/decrease pain in persons with disability/injury. (FALL)

563 Development of Physical Education in the Western World (3:3)

Historical overview of development of physical education in Western Civilization from classical times to the present age.

565 History of the Olympic Games (3:3)

Development of the Olympic Games movement in both the ancient world and modern era. Consideration of cultural, philosophical, political, economic, and performance perspectives. (SPRING)

567 Measurement and Evaluation in Physical Education (3:3)

Survey of tests and application of measurement in physical education. Elementary testing procedures.

568 Health/Fitness: Assessment and Prescription (3:3)

Pr. 375 and 376, or permission of instructor; CPR must be current throughout the course.

Scientific principles of exercise emphasizing design of safe, appropriate, individualized exercise programs for all ages; foundation for future ACSM certification as a health/fitness instructor. Emphasizes health-related physical fitness.

569 Exercise Instruction (3:3)

Pr. 375 or 575, and 568, or permission of instructor

An instructional development course. Application of principles of content selection, effective presentation, and evaluation to practice in exercise settings for participants at various developmental levels.

570 Development and Implementation of Fitness Programs (3:3)

Pr. 468 and 469, GPA of 2.50 and admission to the fitness leadership concentration, or permission of instructor; grades of C (2.0) or better in all required ESS courses

Preparation in planning, designing, developing, organizing, programming, implementing, directing, and evaluating fitness programs.

571 Physical Education for Individuals with Special Needs (Advanced) (3:3)

Pr. 381 or permission of instructor

Advanced study of physical education for persons with mental and physical disabilities. Clinical experience is provided.

576 Nutrition and Physical Fitness (3:3)

Pr. BIO 277 and NTR 213 or equivalent required. ESS 375 or 575 recommended.

Metabolism during exercise, ergogenic aids, nutrients' effects on performance, and body composition alterations during training. Gender and age-specific needs and responses to exercise and dietary intake. (Same as NTR 576)

578 Needs Assessment of Persons with Disabling Conditions (3:3)

Pr. permission of instructor

Determination of gross motor and perceptual/gross motor performance needs of persons with disabilities. Analysis of published and teacher-made instruments. Construction of new tests for physical education for persons with special needs in physical activities.

579 Exercise and Older Adults (3:3)

Pr. junior admission only by permission of instructor

Basic principles underlying exercise/aging. The delivery of exercise information and the conduct of exercise programs for older adults.

595 Exercise Science Internship (3:1:10 or 6:1:20)

Pr. permission of instructor required, in addition to the following: cumulative GPA of 2.50 or better; admission to the fitness leadership concentration; completion of all ESS core courses and additional concentration courses except 570; grades of C (2.0) or better in all required ESS courses.

Coreq. ESS 570 must be taken prior to enrollment in or concurrently with ESS 595.

- *An application process must be completed prior to registration*
- *Course may be repeated for credit if taken for three (3) semester hours; total hours for course may not exceed six (6) hours.*
- *Grade: Letter grade.*

A supervised field experience in qualified agencies. Application process is required for permission to register. Course involves specific assignments, supervision, seminars on campus, and evaluation of student's performance.

Please refer to The Graduate School Bulletin
for additional graduate-level Exercise and Sport Science courses.

Finance

(see Accounting and Finance)

French

(see Romance Languages)

Freshman Seminars Program

The College of Arts & Sciences

100 Foust Building
336/334-3186
www.uncg.edu/aas/fms.htm

Freshman Seminars are small discussion classes that introduce students to various areas of study in the General Education Program. Each seminar focuses on a topic, issue, or problem selected by the instructor; seminar topics change from one semester to the next and are described in a booklet that is distributed to advisors at the beginning of each semester. Additional information on Freshman Seminars may be obtained from the College of Arts and Sciences, 100 Foust Building (336/334-3186).

FRESHMAN SEMINAR COURSES (FMS)

GE Core denotes General Education Core credit; GE Marker denotes General Education Marker credit; CAR denotes College Additional Requirement credit.

Freshman Seminars are open to freshmen ONLY.

Except for FMS 115 (which is equivalent to ENG 101/RCO 101, English Composition I) and FMS 116 (which is equivalent to ENG 102/RCO 102, English Composition II), all seminars are offered as writing-intensive courses.

Students may not receive credit for more than one seminar under the same course number, even if the contents of the seminars are different.

115 Freshman Seminar in Reasoning and Discourse I (3:3)
GE Core: GRD
- *Equivalent credit to ENG 101/RCO 101; students may not receive credit for both FMS 115 and either ENG 101/RCO 101.*

Instruction and practice in deliberative, informative, and reflective writing based on the study of primary texts. Emphasis on the writing/revising process and on critical reading.

116 Freshman Seminar in Reasoning and Discourse II (3:3)
GE Core: GRD
Pr. ENG 101, FMS 115 (or FMS 103) or RCO 101
- *Equivalent credit to ENG 102/RCO 102; students may not receive credit for FMS 116 and either ENG 102/RCO 102.*

Writing, reasoning, and rhetoric about the works of Western culture.

120 Freshman Seminar in Literature (3:3)
GE Core: GLT

A study of major selected works in literature.

121 Freshman Seminar in Literature—Global Perspectives (3:3)
GE Core: GLT *GE Marker: GL*

Global perspectives on major works in literature.

122 Freshman Seminar in Literature—Global Non-Western Perspectives (3:3)
GE Core: GLT *GE Marker: GN*

Global Non-Western perspectives on major works in literature.

130 Freshman Seminar in Fine Arts (3:3)
GE Core: GFA

An introductory study of selected topics in the fine arts (which include painting, sculpture, cinema, dance, music, and theatre).

131 Freshman Seminar in Fine Arts—Global Perspectives (3:3)
GE Core: GFA *GE Marker: GL*

Global perspectives on the study of selected topics in the fine arts (which include painting, sculpture, cinema, dance, music, and theatre).

132 Freshman Seminar in Fine Arts—Global Non-Western Perspectives (3:3)
GE Core: GFA *GE Marker: GN*

Global Non-Western perspectives on the study of selected topics in the fine arts (which include painting, sculpture, cinema, dance, music, and theatre).

140 Freshman Seminar in Philosophical, Religious, and Ethical Principles (3:3)
GE Core: GPR

Studies of the philosophical, religious, and/or ethical traditions that have shaped societies in the past and present.

141 Freshman Seminar in Philosophical, Religious, and Ethical Principles—Global Perspectives (3:3)
GE Core: GPR *GE Marker: GL*

Global perspectives on the studies of the philosophical, religious, and/or ethical traditions that have shaped societies in the past and present.

142 Freshman Seminar in Philosophical, Religious, and Ethical Principles—Global Non-Western Perspectives (3:3)
GE Core: GPR *GE Marker: GN*

Global Non-Western perspectives on the studies of the philosophical, religious, and/or ethical traditions that have shaped societies in the past and present.

150 Freshman Seminar in Historical Perspectives: Premodern (3:3)
GE Core: GHP *CAR: GPM*

Introduction to the historical study of culture from ancient times through the Reformation.

151 Freshman Seminar in Historical Perspectives: Premodern—Global Perspectives (3:3)
GE Core: GHP *GE Marker: GL* *CAR: GPM*

Global perspectives on the historical study of culture from ancient times through the Reformation.

152 Freshman Seminar in Historical Perspectives: Premodern—Global Non-Western Perspectives (3:3)
GE Core: GHP *GE Marker: GN* *CAR: GPM*
Global Non-Western perspectives on the historical study of culture from ancient times through the Reformation.

160 Freshman Seminar in Historical Perspectives: Modern (3:3)
GE Core: GHP *CAR: GMO*
Introduction to the historical study of culture from the 17th century through modern times.

161 Freshman Seminar in Historical Perspectives: Modern—Global Perspectives (3:3)
GE Core: GHP *GE Marker: GL* *CAR: GMO*
Global perspectives on the historical study of culture from the 17th century through modern times.

162 Freshman Seminar in Historical Perspectives: Modern—Global Non-Western Perspectives (3:3)
GE Core: GHP *GE Marker: GN* *CAR: GMO*
Global Non-Western perspectives on the historical study of culture from the 17th century through modern times.

170 Freshman Seminar in Social and Behavioral Studies (3:3)
GE Core: GSB
Introduction to the scientific study of individuals, societies, and human institutions with an emphasis on the methods and results of investigations in these areas.

171 Freshman Seminar in Social and Behavioral Studies—Global Perspectives (3:3)
GE Core: GSB *GE Marker: GL*
Global perspectives on the scientific study of individuals, societies, and human institutions with an emphasis on the methods and results of investigations in these areas.

172 Freshman Seminar in Social and Behavioral Studies—Global Non-Western Perspectives (3:3)
GE Core: GSB *GE Marker: GN*
Global Non-Western perspectives on the scientific study of individuals, societies, and human institutions with an emphasis on the methods and results of investigations in these areas.

183 Freshman Seminar in Physical Science (3:3)
GE Core: GNS *CAR: GPS*
Introduction to the study of physical science in the natural world. Illustrates the nature of scientific inquiry and the formulation of hypotheses.

183L Freshman Seminar in Physical Science Laboratory (1:0:3)
GE Core: GNS *CAR: GPS*
Laboratory work to accompany FMS 183.

184 Freshman Seminar in Life Science (3:3)
GE Core: GNS *CAR: GLS*
Introduction to the study of life science in the natural world. Illustrates the nature of scientific inquiry and the formulation of hypotheses.

184L Freshman Seminar in Life Science Laboratory (1:0:3)
GE Core: GNS *CAR: GLS*
Laboratory work to accompany FMS 184.

195 Freshman Seminar in Mathematics (3:3)
GE Core: GMT
Introduction to selected areas of study in the mathematical sciences.

Genetic Counseling

Master of Science Program

The Graduate School

Program office: 119 McIver Street
336/256-0175
www.uncg.edu/gen

Nancy Callanan, Director

Please refer to The Graduate School Bulletin *for graduate-level courses.*

Department of Geography

College of Arts & Sciences

129 Graham Building
336/334-5388
www.uncg.edu/geo

FACULTY
Jeffrey Patton, Professor and Head of Department
Professors Bennett, Debbage, Knapp, Rees
Associate Professors Bunch, Lewis, Liu, E. Nelson, Royall, Stine, Sultana, Walcott
Assistant Professor Lennartson
Lecturer/Spatial Analysis Lab Director, J. Nelson
Lecturer/Physical Geography-Geology Lab Director, Hall-Brown

Mission Statement

The Department of Geography is a student-centered department having a three-fold integrated mission encompassing teaching, scholarship, and service. The Department offers a program presenting an integrative perspective on the relations among social, political, economic, and physical phenomena occurring across space. The Department is committed to teaching the concepts and research methods of the discipline in order to prepare geography majors for professional careers and/or advanced study. Non-geography majors are presented the geographic knowledge needed to understand the nature of the human and environmental patterns found in the world around them. Graduate student education is focused on preparing our students for advanced professional careers and/or further graduate study. The Department is committed to excellence in both theoretical and applied research. Undergraduate and graduate students involvement in research is encouraged to develop student understanding, reasoning, and technical skills. Through scholarship, teaching, and service, the Department of Geography is dedicated to bettering our community, nation, and planet.

The Department of Geography offers a program which has three principal objectives: to promote the understanding of the locational dimensions of human behavior in their environmental context; to offer a curriculum where geographic concepts and methods are applied to understanding economic, environmental, and social problems at the urban and regional scale; and to promote international understanding through area studies. Thus, the purposes of the program are to contribute an important dimension to the university stu-

dent's liberal education and to provide practical training in important contemporary areas of concern as well as the background appropriate for certain vocations.

Graduating majors of the department have found careers in business and industry, in urban and regional planning agencies, in departments of federal and state governments, and in teaching. Job titles include city or regional planner, cartographer, demographer, resource analyst, land or economic developer, location analyst, and teacher. Many graduates find that an undergraduate degree in geography is an excellent foundation for advanced graduate work or professional training in planning, business or law.

Special facilities of the department include fully equipped laboratories in computer cartography, geographic information systems, remote sensing, and physical geography, plus a 130-acre field camp for both instruction and research.

Geography Major (GEOG)

Degree: Bachelor of Arts

Required: 122 semester hours, to include at least 36 hours at or above the 300 course level

AOS Codes:

Geography (general), U163
Geographic Information Science, U164
Urban Planning, U165
Earth Science/Environmental Studies, U167
Geography with Teacher Licensure in Social Studies, U169

The Geography Major requires four courses from a selection of fifteen and requires a minimum of 27 semester hours in geography above the 100 level. Students may elect a general geography major or they may complete additional courses for a concentration in Urban Planning or Earth Science/Environmental Studies. Students may also complete a major in Geography with Teacher Licensure in Social Studies (p. 333).

Student Learning Goals

Students completing this major are expected to demonstrate a basic competence in earth science, human geography, and regional geography. In addition, they are expected to be able to successfully investigate geographic problems using the current research techniques and methodologies of the discipline and to clearly and effectively express their findings in both written and oral form.

Requirements

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
Historical Perspectives on Western Culture (GHP)	3
Mathematics (GMT)	3
Reasoning and Discourse (GRD)	6
ENG 101 or FMS 115 or RCO 101, and one additional GRD course	
Social and Behavioral Sciences (GSB)	6
Department specifies courses for:	
One additional GLT course *(student may select)*	3
Required: GEO 103 or GEO 106/106L	6–7
and one additional GNS course with a different departmental prefix (if GEO 103 is selected, the second GNS must be a lab course)	

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers, at least one of which must carry the GN marker

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major.** All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major.** All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III College of Arts and Sciences Additional Requirements (CAR)

See pp. 89–91 for requirements and approved courses.

Historical Perspectives on Western Culture	3
either a GHP/GPM or GMO course	
Natural Sciences	3–4
one additional GNS/GLS or GPS course	
Social and Behavioral Sciences (GSB)	3
one additional GSB course	
Foreign Language (GFL)	0–12
intermediate-level proficiency in one language, demonstrated by placement test, or completion of course work through course number 204	
Writing Intensive Courses (WI)	
a total of four WI courses	

IV Major Requirements

A minimum of 27 semester hours in geography above the 100 level. Only grades of C- or higher will count toward completion of the major and concentrations.

Core Courses for Geography Major and Concentrations

1. One geographic techniques course from GEO 121, 321, 322, 323
2. One earth science course: GEO 103* or GEO 106/106L*
3. One human geography course from GEO 105, 114, 301, 302, 303, 306

4. One regional geography course from GEO 102, 104, 313, 344

**GEO 103 or GEO 106/106L satisfies one GNS requirement and GPS.*

Urban Planning Concentration

The inter-regional shift of people and jobs in the United States and elsewhere over the past decades coupled with the movement away from large central cities has increased the need for formal urban and regional planning. Planners are needed in the private sector as well as in state and local governments to provide the appropriate kinds of economic and community development that will ensure a high quality of life in both developed and developing countries. In a growth region like the Southeast, geographers with a planning background are in increasing demand.

In addition to the core courses in geography listed above, students choosing this concentration are required to take:

1. GEO 105, 301, 306
2. Five courses from the following: GEO 302, 303, 320, 321, 322, 344, 502, 522, 533

Earth Science/Environmental Studies Concentration

A central theme of geography is human interaction with the earth's physical environment. This concentration permits students to apply the basic scientific principles of physical geography, cartography, and natural resource analysis to the problem of ensuring a high quality of life through maintenance of the natural processes that support human existence. This concentration also provides training to enhance the employment opportunities of students with a strong interest in environmental assessment and resource evaluation.

In addition to the core courses in geography listed above, students choosing this concentration must take:

1. GEO 311, 311L, 314, 314L
2. Five courses selected from the following: GEO 205, 305, 312, 321, 323, 330, 520, 521

Geographic Information Science Concentration

Students with this concentration will develop skills in using maps, geospatial computer programs, and remotely sensed images to answer geographic questions relevant to land use planning, urban development, geomorphic or biogeographic processes, or environmental impact assessment. A capstone course (GEO 423), which includes a faculty-directed major project is completed in the final semester.

In addition to completing the core courses for geography majors listed above, students in this concentration are required to complete:

1. GEO 121, 321, and 323
2. A minimum of one of the following: GEO 520, 521, or 523
3. GEO 423, after completion of 1 and 2.

V Related Area Requirements for General Geography Major

No specific additional courses beyond the core are required. Suggested courses in other departments and schools are recommended by the department, depending on the interest of the student.

VI Electives

Electives sufficient to complete the 122 semester hours required for degree.

Geography as a Second Major

Required: minimum of 27 semester hours

A student may obtain a second major in geography along with any other major. The student should take 27 semester hours, including four core courses listed above for the Geography Major. Students considering this option should consult a faculty member in the department.

Geography as a Second Academic Concentration for Elementary Education and Special Education Majors

Required: minimum of 18 semester hours

1. Required core courses:
   a. One from GEO 121, 321, 322, or 323 (3 s.h.)
   b. One from GEO 103 or 106/106L (3 s.h.)
   c. One from GEO 105, 114, 202, 301, 302, or 303 (3 s.h.)
   d. One from GEO 102, 104, 313, or 344 (3 s.h.)
2. Any two additional GEO courses at the 300 level or higher (6 s.h.)

Geography Minor

Required: minimum of 18 semester hours

Any six courses (18 semester hours) constitute a minor, but the following suggested course sequences will be of interest to certain students pursuing specific majors and with certain career objectives such as planning, environmental conservation, or business:

1. General Geography Minor—1 physical, 1 human, 1 regional, 1 techniques course, and any other two geography courses
2. Minor emphasizing Urban Planning—any six courses from: 105, 301, 302, 303, 306, 344, 502, 522, 533
3. Minor emphasizing Environmental Studies—any six courses from: 103 or 106/106L, 105, 121, 205, 303, 305, 311, 312, 314, 321, 323, 330, 521
4. Minor emphasizing Geographic Information Science and Techniques—for the student desiring to acquire geographic research, writing, and cartographic techniques, any six courses from: 105, 121, 321, 322, 323, 520, 521, 522, 533
5. Geography Minor for majors in the School of Business and Economics—for the major who wishes to acquire knowledge of industrial location, international trade, demographic change and environmental impact—any six courses from: 102, 103 or 106/106L, 104, 105, 121, 202, 301, 302, 303, 344, 522, 533

Geography Major with Teacher Licensure in Social Studies

Students seeking teacher licensure should see **Teacher Education Programs**. Licensure in social studies is available for geography majors. Additional semester hours may be required for completion of the degree.

Majors planning to teach geography/social studies in the secondary schools should plan their programs to include one of the following: GEO 102, 104, or 344 and one of the following courses: GEO 105, 114, or 202.

GEOGRAPHY COURSES (GEO)

GE Core denotes General Education Core credit; GE Marker denotes General Education Marker credit; CAR denotes College Additional Requirement credit.

Courses for Undergraduates

102 The Historical Geography of the Western World (3:3)

A study of the geographical factors which combine to form the major cultural regions of North America, Europe, and Australia-New Zealand.

103 Introduction to Earth Science (3:3)

GE Core: GNS *CAR: GPS*

- *Students cannot receive credit for both GEO 103 and GEO 106/106L.*

Survey of basic concepts and processes integrating the nature of the earth's three primary physical systems: the solid earth and continents; the ocean basins and the oceans; and the atmosphere's weather.

104 World Regional Geography (3:3)

GE Marker: GL

A study of the geographical factors that combine to form the major culture regions of North, Central, and South America, Europe, Africa, Asia, and the Middle East.

105 Cultural Geography (3:3)

GE Core: GSB *GE Marker: GN*

Introductory project-oriented course concerned with the geographical characteristics of population, political systems, settlement patterns and livelihoods.

106 Geosystems Science (3:3)

GE Core: GNS *CAR: GPS*

Coreq: GEO 106L

- *Students cannot receive credit for both GEO 103 and GEO 106/106L.*

The earth's atmosphere, hydrological, and tectonic systems. Includes applications to natural resources management and environmental planning. (FALL & SPRING)

106L Geosystems Science Laboratory (1:0:2)

GE Core: GNS *CAR: GPS*

Coreq: GEO 106

- *Students cannot receive credit for both GEO 103 and GEO 106/106L.*

Laboratory exercises to accompany GEO 106, which must be taken concurrently. Topics include atmospheric data analysis, topographic map interpretation, and hydrological measurements. (FALL & SPRING)

110 Introduction to Geography (3:3)

Changing interaction of man and his environment and the resultant human and economic patterns in various parts of the world.

111 Physical Geology (3:3)

GE Core: GNS *CAR: GPS*

Coreq. concurrent registration in GEO 111L

Survey of tectonic and erosional processes, mountain building, rivers, glaciers, deserts, and coastal landform development.

111L Physical Geology Laboratory (1:0:3)

GE Core: GNS *CAR: GPS*

Coreq. concurrent registration in GEO 111

Laboratory demonstrations and map interpretation exercises to accompany GEO 111, which must be taken concurrently.

114 The Geography of World Affairs (3:3)

GE Marker: GN

Contemporary problems and issues of and between nations of the world as they have evolved in their geographical settings.

121 Introduction to Geographic Information Science (3:3)

GE Core: GNS *CAR: GPS*

Introduction to the fundamental concepts of geographical information science (geographic data acquisition, representation, analysis, and interpretation). Technologies reviewed include topographic mapping, global positioning systems, aerial photography, and satellite remote sensing. (FALL & SPRING)

205 Environmental Change: Its Nature and Impact (3:3)

Environmental changes related to human use of land, water, soils, minerals, and natural amenities. Planning for sustained use or preservation of land-based natural resources.

301 Urban Geography: Global Patterns (3:3)

GE Core: GSB *GE Marker: GL*

Urbanization processes and the development of mega-cities and urban hierarchies emphasizing the differences between cities from across the world.

302 Urban Geography: Land Use (3:3)

Internal structure of cities, including the role of transportation systems, socio-economic development, and the physical environment. Emphasis on differences within cities.

303 World Population Problems (3:3)

GE Marker: GN

Major world population problems, trends, and significant policy and action alternatives for the future. Impact of various geographical factors on problems and trends.

304 Introduction to Transportation Analysis (3:3)

Transportation systems as they affect human behavior and urban patterns, primarily within a North American context.

305 Environmental Hazards Assessment (3:3)

Pr. 103 or equivalent

Nature and geographical distribution of short-lived environmental hazards including earthquakes, hurricanes, floods, volcanic eruptions, and landslides. Factors contributing to increased hazard potential. Alternative human responses to short-lived hazards.

306 World Economic Geography (3:3)

GE Core: GSB *GE Marker: GL*

Characteristics and location of the world's resources, theory of industrial location, world patterns of industry.

311 Weather and Climate (3:3)

GE Core: GNS *CAR: GPS*

Pr. 103 or equivalent

Coreq. concurrent registration in 311L

Introduction to the nature, origin, processes, and dynamics of the atmosphere. Consideration also of human modification of the atmosphere and of climatic change.

311L Climatology Laboratory (1:0:3)
GE Core: GNS CAR: GPS
Coreq. concurrent registration in 311
Laboratory work to accompany 311.

312 Geomorphology of North America (3:3)
A survey of the various landscape regions of the North America. Emphasis on the relationships between the geologic, erosional, and climatic processes occurring in each region.

313 Natural Resource Regions of North America (3:1:6)
Pr. 103 or 314 and permission of instructor
Regional natural resource use and associated human interaction with the natural environment. Instruction takes place during an extended field trip across portions of North America.

314 Physical Geography: Landscape Processes (3:3)
GE Core: GNS CAR: GPS
Pr. 103 or equivalent
Coreq. concurrent registration in 314L
Examination of the processes responsible for the development of the earth's varied terrain characteristics. Analysis of environmental problems involving human impact on landscape and river systems.

314L Physical Geography Laboratory (1:0:3)
GE Core: GNS CAR: GPS
Coreq. concurrent registration in 314
Laboratory demonstrations and map interpretation exercises to accompany GEO 314, which must be taken concurrently.

320 Tourism Planning and Development (3:3)
Geographic distribution of tourist development. Emphasis on the spatial dimension of origin-destination flows, economic geography of the travel industry, socio-economic and environmental impacts. Emphasis on tourism planning issues. (Same as HTM 320 and RPM 320)

321 Cartography and Geographic Information Science (3:2:3)
Pr. 121
The science of cartography with an emphasis on the use of maps as descriptive and analytical tools. Laboratory work introduces computer mapping, compilation, design, and symbolization.

322 Research Methods in Geography (3:3)
Use of the scientific method, data collection, spatial analysis, and technical writing. Development of fundamental research and quantitative skills in geography.

323 Remote Sensing (3:2:3)
Pr. 121
Acquisition, analysis, and interpretation of digital and photographic imagery. Emphasis on use of satellite and aircraft imagery for classification and monitoring of the earth's physical and cultural landscape.

330 Elements of Hydrology (3:3)
Pr. 103 or 311 or 314, or permission of instructor
Introduction to the origin, properties, occurrence, circulation of the waters of the earth, including the application of hydrologic techniques for the evaluation of regional water budgets and problems relating to the conservation of water resources.

338 Regions of Latin America (3:3)
Geographic distinctiveness of Latin American regions, with an emphasis upon the physical foundation, bases of past development, and recent transformation. Major consideration given to Mexico/Central America, Peru/Bolivia, and Brazil.

344 Geography of the United States and Canada (3:3)
GE Core: GSB
Study of the human and physical characteristics of the United States and Canada, with emphasis on the former.

423 Geographic Information Science (3:2:3)
Pr. GEO 121, 321, 323
Principles and use of geographic information; emphases are on data acquisition and techniques of spatial analysis and display. Requirements include a substantial applied research project. (SPRING)

490 Special Problems in Geography (3)
Pr. permission of faculty member with whom student wishes to work and at least 3 s.h. of previous work in geography
Opportunity for advanced students to undertake independent study of field research of special interest.

491 Current Topics in Population (3:3)
- *May be repeated for credit when topic varies.*

Multidisciplinary seminar dealing with major topics concerned with national and international issues. (OCC)

493 Honors Work (3–6)
Pr. permission of instructor; 3.30 GPA in the major, 12 s.h. in the major
- *May be repeated for credit if the topic of study changes.*

495 Internship in Geography (3:0:9)
Pr. written permission required before registering for the internship
Practical experience in a professional setting related to the student's main topic of interest. Includes a research paper linking the topic to the experience. (FALL & SPRING & SUMMER)

Courses for Advanced Undergraduates & Graduate Students

Freshmen and sophomores cannot register for 500-level courses without written permission from the instructor.

502 Urban Planning (3:3)
Experiences in planning and primary concepts and procedures utilized by planners in city and local government agencies for improving the quality of the urban environment.

510 Biogeography (3:3)
Pr. GEO 311 or 314 or BIO 301 or admission to graduate program in geography or permission of instructor
Study of the geographic distribution of organisms and the factors/processes accountable. Emphasis on the increasingly important role humans play in influencing biogeographic processes.

511 Advanced Weather and Climate—Synoptic Climatology (3:3)
Pr. GEO 311 or admission to graduate program in geography or permission of instructor
Exploration of atmospheric dynamics and general circulation patterns throughout the world. Emphasis on cyclogensis, surface-upper atmosphere links, tropospheric waves, vorticity, and forecasting.

520 Advanced Remote Sensing—Imaging (3:3)
Pr. 323 or permission of instructor
Remote sensing of the environment using scientific visualization and digital image processing techniques. (FALL)

521 Advanced Cartography (3:3)
Pr. 321 or permission of instructor
Advanced instruction in cartographic production techniques and introduction to cartographic research. Students will learn to evaluate academic literature and to implement research ideas using state-of-the-art technology.

522 Seminar in Population and Urban Studies (3:3)
Advanced study of population processes and urban concepts from an interdisciplinary viewpoint. Emphasis on accessing and interpreting data from the U.S. census and other sources.

533 Industrial Development: State and Local (3:3)
Theories of industrial location; techniques to measure impact of industry on communities; policy and institutional issues related to state and local industrial development.

560 Seminar in Regional Geography (3:3)
- *May be repeated once for credit when topic changes.*

Case studies of regionalism and the regional method in geography. (OCC)

570 Applied Physical Geography (3:1:6)
- *May be repeated once when topic changes.*

Applications in physical geography. Topics include field experience in hydrology, dendrochronology, geomorphology, climatology, and mapping.

589 Experimental Course: Geography of Asia (3:3)
Examines the dynamic economic, sociocultural, and political changes in Asia by looking at their roots in physical and human resources influencing rapid modernization within an ancient cultural framework. (Offered spring '07)

589 Experimental Course: History of Cartography (3:3)
The changing nature of maps through time and development of mapping traditions. Emphasis on methods in the history of cartography and on the evaluation of maps as historical sources. (Offered fall '06)

Please refer to The Graduate School Bulletin *for additional graduate-level courses.*

Department of German, Russian, Japanese, and Chinese Studies

College of Arts & Sciences

1127 Moore Humanities and Research Administration
336/334-5427
www.uncg.edu/gar/

FACULTY
Andreas Lixl, Professor and Head of Department
Associate Professor Adams
Assistant Professors Ahern, Niebisch, Rinner
Visiting Associate Professor Wu
Lecturers Adeniyi, Campitelli, Levesque, Liu, Takagi
Adjunct Instructors Haeseler, Pynes

The aim of the Department of German, Russian, Japanese, and Chinese Studies is to impart a deeper understanding for important foreign languages and cultures in the context of a liberal and humanistic education.

Our courses are intended to advance language proficiency skills and to contribute to the student's intellectual development and aesthetic experience. Language instruction courses provide students with speaking skills and knowledge that will enable them to inform themselves independently about the life and literature of German, Russian, Japanese, and Chinese speaking cultures. More advanced courses emphasize language, literature, and culture studies, which are the primary goals of the majors in German and Russian.

The language laboratory provides students with Web facilities for aural and oral exercises. Cultural material such as films, records, and tapes is coordinated with classroom work. Students may also elect to live in UNCG's International House.

The UNCG film program provides German, Russian, and Japanese films each semester. German and Russian Studies Roundtables provide open academic forums for interdisciplinary discussions among both faculty and students.

The Department maintains an active membership in the German Studies Consortium, which utilizes the NC Information Superhighway to share teaching and learning resources to enhance German Studies across The University of North Carolina system. This consortium offers a broad array of German Studies courses in the language, literature, and culture of the German-speaking countries taught by specialists in the field. The primary focus is on the sharing of upper-level courses for German majors and minors enrolled in the program. Participant universities include Appalachian State University, East Carolina University, North Carolina State University, The University of North Carolina at Asheville, The University of North Carolina at Greensboro, The University of North Carolina at Wilmington, and Western Carolina University.

From time to time UNCG Summer Study Abroad travel programs are offered. Information on other summer programs abroad is available.

Students who wish to spend their junior year studying any subject at the Universities of Bamberg, Mannheim, Osnabrück, The Higher School of Commerce at Worms

(UNCG partner institutions), or with other programs, must have completed intermediate language courses. Similar exchanges are available with Slavic and Japanese universities.

In addition to pursuing a **Bachelor of Arts degree in German** students can major or minor in **Russian Studies**, and minor in **Asian Studies**. See **International Studies**, p. 231. A major in German can also be pursued in tandem with an **International Business Studies major**, p. 229.

An Accelerated Masters Program for undergraduates provides the opportunity to complete a **B.A. in German and an M.B.A. in Business Administration**. Students are strongly advised to familiarize themselves with this program on p. 348 in this *Bulletin*.

German Major (GERM)

Degree: Bachelor of Arts

Required: 122 semester hours, to include at least 36 hours at or above the 300 course level

AOS Codes:

German, U171

German with Special Subject Area Teacher Licensure (K–12), U173

The German Major, depending on the student's interest and other abilities, may lead into various careers such as teaching, government service and international trade. The specialized study of German aims to improve language skills and to convey an understanding of German culture, through the study of literature, film, and works of German thought.

Students seeking teacher licensure should see **Teacher Education Programs**.

Student Learning Goals

Upon completion of the program, German majors will be expected to:

- Speak, read, write, and comprehend the German language proficiently
- Interpret the history of German civilization in terms of major periods and movements and be able to explain critical methods for interpreting these periods and movements
- Explain the interrelationships of literature and culture to social history and intellectual life in German-speaking countries
- Identify major genres of Germanic literatures and various critical approaches to interpreting literary texts
- Research, organize, and present in both German and English effective oral presentations on German Studies topics
- Research, organize, and develop in both German and English coherent critical writings on German Studies topics
- Use computers effectively as research and writing tools, as well as conduits to library and Internet resources for information about German and central European cultures

Requirements

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
Historical Perspectives on Western Culture (GHP)	3
Mathematics (GMT)	3
Natural Sciences (GNS)	6–7
one must be a laboratory course; each must have a different departmental prefix	
Reasoning and Discourse (GRD)	6
ENG 101 or FMS 115 or RCO 101, and one additional GRD course	
Social and Behavioral Sciences (GSB)	6
Department specifies the following:	
One additional GLT course (*student may select*)	3

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers, at least one of which must carry the GN marker

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major**. All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major.** All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III College of Arts and Sciences Additional Requirements (CAR)

See pp. 89–91 for requirements and approved courses.

Historical Perspectives on Western Culture	3
either a GHP/GPM or GMO course	
Natural Sciences	3–4
one additional GNS/GLS or GPS course	
Social and Behavioral Sciences (GSB)	3
one additional GSB course	
Foreign Language (GFL)	0–12
intermediate-level proficiency in one language, demonstrated by placement test, or completion of course work through course number 204	
Writing Intensive Courses (WI)	
a total of four WI courses	

IV Major Requirements

All majors must maintain a GPA of at least 2.0 in German courses for a degree in German.

Minimum of 27 semester hours in German above the 204 level, including at least:

1. Four courses involving literature or culture from the following: GER 215*, 216*, 217*, 218*, 221*, 305*, 306*, 403, 404, 405, 406, 491, 492 or 493 (if taken for 3 s.h.)
2. Five additional courses above the 204 level
3. Majors may also take BCN 527 (German Auteurs) plus 1 s.h. of tutorials (491, 492).

**These courses count as major credit only if a student also enrolls in GER 291 and/or 1 semester hour of tutorials (491, 492) where an appropriate amount of speaking or reading or writing is done in German.*

V Suggested Related Area Courses

Suggested but not required: ART 305; ATY 385, 387, 587; ENG 201, 202, 339, 340; HIS 375, 376, 392; RUS 201, 202, 313, 314, 315, 316; PHI 252, 330

VI Electives

Electives sufficient to complete the 122 semester hours required for degree.

German as a Second Major

Required: minimum of 27 semester hours above the 204 level

The requirements for a second major in German are the same as for the German major described above.

German as a Second Academic Concentration for Elementary Education and Special Education Majors

Required: 18 semester hours

1. Required core courses: 6 s.h. involving literature or culture from 305, 306, 405, 406
2. Electives: 12 s.h. [four (4) additional language, literature, or culture courses] above GER 204 level

German Minor

Required: minimum of 15 semester hours

15 semester hours above GER 102, to include GER 203 and 204 plus 9 additional hours, at least 6 of which must be at the 300 level or higher. NOTE: Courses in German literature or culture in English translation (215, 216, 217, 218, 221) can only be used for minor credit if an appropriate amount of reading is done in German.

Honors in German

Requirements

Six (6) semester hours to consist of:

- 3 s.h. of HSS 490 Senior Honors Project
- 3 s.h. of GER 493 (in preparation for Senior Honors Project)

Must be completed in residence.

Six (6) semester hours to consist of:

- 3–6 s.h. of GER 493 (unrelated to Senior Honors Project) **or** 3–6 s.h. of contract courses in German above the 200 level

Qualifications

- A grade of at least B in all course work used to satisfy the Honors requirement in German
- A declared major in German
- At least a 3.30 overall GPA at graduation

Recognition

The designation "Completed Disciplinary Honors in German" and the title of the Senior Honors Project will be printed on the student's official transcript.

Honors Advisor

See Dr. Jeffrey Adams for further information and advising about Honors in German.

Accelerated Master's Program for German Majors

Interested students should see **Accelerated Master's Programs for Undergraduates** for details about the B.A. in German/M.B.A. program requirements.

Russian Minor

Required: minimum of 15 semester hours

AOS Code: U160

15 semester hours above the 100 level of which the following six are required: RUS 203, 204

Note: RUS 203 and 204 count toward the **Russian Studies program** (see International and Global Studies).

GERMAN COURSES (GER)

GE Core denotes General Education Core credit; GE Marker denotes General Education Marker credit; CAR denotes College Additional Requirement credit.

Courses Read in English

German literature courses read in English translation are as follows:

215, 216 German Civilization: Readings in English (3:3), (3:3)
GE Marker: GL

217, 218 Masterworks of German Literature Read in English (3:3), (3:3)
GE Marker: GL

221 Germanic Mythology: Readings in English (3:3)
GE Marker: GL

A full description of the above courses will be found in numerical order in the German courses listed below.

Courses for Undergraduates

101, 102 Elementary German (3:3), (3:3)
GE Marker: GL

Essentials of speaking, listening, reading, writing, vocabulary, and grammar. Supplementary work in the Multimedia Language Laboratory.

101L Elementary German Laboratory (1:1)
Coreq. concurrent registration in 101

Optional supplementary multimedia lab course at the elementary level for students interested in improving their command of the language. Course meets one hour a week for the whole semester.

101B, 102B Elementary Business German (3:3), (3:3)
GE Marker: GL

Essentials of grammar, graded reading, vocabulary building. Business language emphasis in laboratory work required.

102L Elementary German Laboratory (1:1)
Coreq. concurrent registration in 102 or permission of instructor

Optional supplementary multimedia lab course at the elementary level for students interested in improving their command of the language. Course meets one hour a week for the whole semester.

203 Intermediate German (3:3)
GE Marker: GL CAR: GFL
- *Proficiency level: GER 102 or equivalent*

Continuation and further study of basic German structures with emphasis on spoken and written language skills.

204 Intermediate German Topics (3:3)
GE Marker: GL CAR: GFL
- *Proficiency level: GER 203 or equivalent*

Reading, composition and discussion, at an intermediate level, based on German texts on various topics.

215, 216 German Civilization: Readings in English (3:3), (3:3)
GE Marker: GL

Cultural, political, and social development of Germany from its origin to the present. 215—Middle Ages (Romanesque, Gothic) through the fifteenth century. 216—from the Reformation to the present. Attention given to the German elements in America. Use of films, slides, and records. Taught in English. Majors required to do additional reading in German.

217, 218 Masterworks of German Literature Read in English (3:3), (3:3)
GE Core: GLT GE Marker: GL

Reading and discussion in English translation of some of the best works of German literature. 217—the Middle Ages, Baroque and Classical Periods, Romanticism, Realism. 218—Selected major works of 20th-century prose fiction. Authors include Kafka, Hesse, T. Mann, Handke, M. Walser, and Süskind.

221 Germanic Mythology: Readings in English (3:3)
GE Marker: GL

Course taught in translation. Myths of Northern Europe, their main personages and events as preserved in the heroic sagas and epics, the traces of these myths in later literature, in folklore and art, the history of their revival in the nineteenth century (Brothers Grimm, Richard Wagner), the variety of interpretations given to them.

291 German Conversation Topics (1:0:1)
GE Marker: GL
- *Proficiency level: GER 204 or equivalent*
- *May be repeated for credit as topics vary for a maximum of three (3) semester hours.*
- *Grade: Pass/Not Pass (P/NP)*

Speaking intensive training during formal and informal conversations in German Kaffeestunde settings. Interdisciplinary topics focus on current affairs in the German-speaking countries.

301 German Conversation and Composition: Topics (3:3)
GE Marker: GL

For students desiring some proficiency in spoken and written German. Conversation and composition based on various announced topics. Attendance at Kaffeestunde required unless excused by instructor. Course always taught as writing intensive.

302 German Language and Society: Topics (3:3)

For students desiring proficiency in written German, especially geared toward students who plan to study abroad or who plan to enter graduate school. Compositions based on various announced topics. Course always taught as writing intensive.

305 German Literature: Advanced Intermediate Topics (3:3)
GE Marker: GL
- *May be repeated for credit when topic varies.*
- *Proficiency level: GER 204 or equivalent*

Course aims at improving students' language proficiency and familiarity with German literature. Taught in English or German.

306 German Culture: Advanced Intermediate Topics (3:3)
GE Marker: GL
- *May be repeated for credit when topic varies.*
- *Proficiency level: GER 204 or equivalent*

Course aims at improving students' language proficiency and familiarity with German civilization. Taught in German or English.

306F German Culture: Advanced Intermediate—Topics in German Film (3:2:3)
GE Marker: GL
- *May be repeated for credit when topic varies.*
- *Proficiency level: GER 204 or equivalent*

Course aims at improving students' language proficiency and familiarity with German films and filmmakers. Taught in German or English.

307 Advanced German Grammar (3:3)
- *Proficiency level: GER 204 or equivalent*

Intensive study of grammar (including features not covered in lower levels of instruction) and of contrasting structures of German and English. Introduction to reference tools.

311 Business German (3:3)
GE Marker: GL CAR: GFL
- *Proficiency level: GER 203 or equivalent*

Introduction to the special vocabulary and syntax as used in business contacts, correspondence and articles. Practice in reading and writing for business purposes and travel.

403 German Literary Studies: An Introduction (3:3)
- *Proficiency level: GER 301 or equivalent*

Readings from various genres by representative authors from the Age of Goethe to Symbolism, Expressionism, and contemporary literature. Introduction to methodologies of literary analysis.

404 German Civilization: Research and/or Internet Projects (3:3)
GE Marker: GL
- *Proficiency level: GER 204 or equivalent*

Research and Internet projects focusing on cultural, social, historical, and interdisciplinary studies. Projects can be conducted in German and/or English. **Course always taught as writing intensive.**

405 Advanced Topics in German Literature (3:3)
- *May be repeated for credit when topic varies.*
- *Proficiency level: GER 301 or equivalent*

Topics will be of a literary nature. Reading and discussion of texts with attention to interpretation and analysis.

406 Advanced Topics in German Culture (3:3)
- *May be repeated for credit when topic varies.*
- *Proficiency level: GER 204 or equivalent*

Focus on culture and civilization. Studying texts and multimedia materials with attention to interpretation and analysis.

407 Advanced Topics in German Language (3:3)
- *May be repeated for credit when topic varies.*
- *Proficiency level: GER 301 or equivalent*

Linguistic or pedagogical topics include: history of the language; Indo-European to modern German. Reading Old High and Middle High texts. Taught in German or English.

491, 492 Tutorial (1–3), (1–3)
Pr. permission of instructor
- *May be repeated for credit when topic varies.*

Directed program of reading, research, and individual instruction in Germanic literatures and languages.

493 Honors Work (3–6)
Pr. permission of instructor; 3.30 GPA in the major, 12 s.h. in the major
- *May be repeated for credit if the topic of study changes.*

RUSSIAN COURSES (RUS)

Courses in English Translation

Russian Literature and Culture in English translation courses are as follows:

201, 202 Russian Literature in Translation (3:3), (3:3)
313 Major Authors in Russian Translation (3:3)
314 Major Movements in Russian Literature and Culture (3:3)
315 Twentieth-Century Russian Literature in Translation (3:3)
316 Modern Polish Literature in Translation (3:3)
511 The Russian Novel in Translation (3:3)

A full description of these courses will be found in numerical order in the Russian courses listed below.

GE Core denotes General Education Core credit; GE Marker denotes General Education Marker credit; CAR denotes College Additional Requirement credit.

Courses for Undergraduates

101 Elementary Russian I (3:3)
GE Marker: GN

Basic principles of grammar; graded reading of selected texts; some conversation; language laboratory facilities.

101L Elementary Russian Lab (1:0:1)
- *Grade: Pass/Not Pass (P/NP)*

Optional supplementary multimedia lab course at the elementary level for students interested in improving their command of the language. Course meets one hour a week for the whole semester.

102 Elementary Russian II (3:3)
GE Marker: GN

Basic principles of grammar; graded reading of selected texts; some conversation; language laboratory facilities.

102L Elementary Russian Lab (1:0:1)
- *Grade: Pass/Not Pass (P/NP)*

Optional supplementary multimedia lab course at the elementary level for students interested in improving their command of the language. Course meets one hour a week for the whole semester.

201, 202 Russian Literature in Translation (3:3), (3:3)
GE Core: GLT (for RUS 201) *GE Marker: GN*

Survey of Russian prose beginning with early Russian Literature and focusing on nineteenth-century Russian prose up to 1917. Works from the following writers are read: Pushkin, Gogol, Lermontov, Goncharov, Turgenev, Leskov, Garshin, Kuprin, Chekhov, Bunin, Belyj, Sologub. No knowledge of Russian required.

203, 204 Intermediate Russian (3:3), (3:3)
GE Marker: GN *CAR: GFL*

Review of grammar, practice in conversation, selected readings from nineteenth- and twentieth-century literature.

301 Conversation, Composition, and Grammar Topics (3:3)
- *Proficiency level: RUS 204 or equivalent*

Reading and discussion of unedited Russian texts. Formal and informal writing. Study of grammar and idiom.

306 Slavic Life and Letters: Topics (3:3)
GE Marker: GN
- *Proficiency level: RUS 204 or equivalent*

Introduction to Slavic civilization. Emphasis on selected periods, themes or genres such as films, memoirs, folklore, mythology, women's lives, etc. Taught in English or Russian.

313 Major Authors in Russian Literature (3:3)
GE Core: GLT *GE Marker: GN*
- *Proficiency level: RUS 204 or equivalent*
- *May be repeated for credit when topic varies.*

Selected Russian authors read and discussed with attention to literary interpretation and analysis. Selection of authors and periods vary. Taught in English or Russian.

314 Major Movements in Russian Literature and Culture (3:3)
GE Core: GLT *GE Marker: GN*
- *Proficiency level: RUS 204 or equivalent*
- *May be repeated for credit when topic varies.*

Topics vary, each taking a broad perspective on an important movement, social trend, literary development, or cultural period. Taught in English or Russian.

315 Twentieth-Century Russian Literature in Translation (3:3)

Intensive study of the artistic writing in Russia from 1917 to the present. Readings cover poetry and prose of Sholokhov, Ilf and Petrov, Pasternak, Evtushenko, Solzhenitsyn, and others.

316 Modern Polish Literature in Translation (3:3)

Intensive study of the artistic writing in Poland from 1918 to present. Readings cover poetry and prose of Zeromski, Wittlin, Gombrowicz, Witkiewicz, Schulz, Iwaszkiewicz, Rozewicz, Tuwim, Andrzejewski, Milosz, and Herbert.

491, 492 Tutorial (1–3), (1–3)
- *May be repeated for credit when topic varies.*

Directed program of reading, research, and individual instruction in Russian and Polish language and literature.

493 Honors Work (3–6)
Pr. permission of instructor; 3.30 GPA in the major, 12 s.h. in the major
- *May be repeated for credit if the topic of study changes.*

Courses for Advanced Undergraduates & Graduate Students

511 The Russian Novel in Translation (3:3)

Survey of the Russian novel from the nineteenth (Pushkin, Gogol, Turgenev, Goncharov, Dostoevsky, Tolstoy), to the twentieth century (Belyj, Sologub, Pasternak, and Solzhenitsyn). Analysis of artistic structure and ideas within the context of Russian literary history, philosophy, and religious thought.

Please refer to International and Global Studies in this Bulletin *for more information on the Russian Studies major or minor.*

JAPANESE COURSES (JNS)

GE Core denotes General Education Core credit; GE Marker denotes General Education Marker credit; CAR denotes College Additional Requirement credit.

Courses For Undergraduates

101, 102 Elementary Japanese (3:3), (3:3)

GE Marker: GN

Introduction to communicative Japanese and its writing systems: Hiragana, Katakana, Kanji. Students study fundamental words, phrases and expressions, and are introduced to basic grammar.

203, 204 Intermediate Japanese (3:3), (3:3)

GE Marker: GN CAR: GFL

- *Proficiency level: JNS 101, 102*

Focus on four language skills (listening, reading, speaking, writing), and vocabulary building. Acquisition of Kanji characters. Verb conjugations and tenses. Simple texts from Japanese literature.

220 Modern Japan (3:3)

GE Marker: GN

- *Taught in English.*

Introduction to Japanese culture and society. Emphasis on selected periods, themes or topics such as modern media, folklore, mythology, memoirs, women's lives, cultural movements.

230 Japanese Culture Topics—Women in Japanese Literature and Film (3:3)

- *May be repeated for credit when topic varies.*

Course aims to improve student familiarity with Japanese civilization, literature, culture, and society, including gender, film, and minority perspectives. Taught in English.

301 Experimental Course: Advanced Grammar and Conversation (3:3)

Pr. 204

Continuation of communicative Japanese and its writing systems. Course aims to improve oral and written communication skills as well as understanding of modern Japanese culture.

305 Experimental Course: Japanese Myth and Legend (3:3)

- *Taught in English*

Introduction to Japanese myths and legends. The course examines historical, cultural, and literal aspects of myths and legends as well as modern adaptation of the tales in folk literature and popular culture.

CHINESE COURSES (CHI)

GE Core denotes General Education Core credit; GE Marker denotes General Education Marker credit; CAR denotes College Additional Requirement credit.

Courses For Undergraduates

101 Elementary Chinese I (3:3)

GE Marker: GN

Introduction to communicative Chinese. Essentials of speaking, listening, writing, reading, and basic grammar. (FALL)

102 Elementary Chinese II (3:3)

GE Marker: GN

Second course in the introductory sequence to Chinese language studies. Essentials of speaking, listening, writing, reading, and basic grammar. (SPRING)

203 Intermediate Chinese I (3:3)

GE Marker: GN CAR: GFL

Third course in a sequence leading to intermediate-level Chinese language proficiency. Conversational listening, speaking, writing, reading, and grammar structures. (FALL)

204 Intermediate Chinese II (3:3)

GE Marker: GN CAR: GFL

Fourth course in a four-course sequence leading to intermediate-level Chinese language proficiency. Conversational listening, speaking, writing, reading, and grammar structures. (SPRING)

220 Experimental Course: Modern China (3:3)

Introduction to Chinese culture and society. Emphasis on selected periods, themes, or topics such as modern media, folklore, mythology, memoirs, cultural movements, etc. Taught in English. (Offered fall '07)

Please refer to International and Global Studies in this Bulletin *for more information on the Asian Studies minor.*

Gerontology

Post-Baccalaureate Certificate Program

The Graduate School

124 McIver Building
336/256-1020
www.uncg.edu/gro

INTERDISCIPLINARY FACULTY AND ADVISORS

Beth E. Barba, School of Nursing
Neal E. Cutler, Gerontology Program
Anne R. Daniel, Department of Public Health Education
Jennifer Etnier, Department of Exercise and Sport Science
Michele Haber, Department of Public Health Education
Virginia A. Hinton, Department of Communication Sciences and Disorders
A. Frank Johns, Gerontology Program
Laurie M. Kennedy-Malone, School of Nursing
Sandra Leak, Department of Public Health Education
John Lepri, Department of Biology
Jane E. Myers, Department of Counseling and Educational Development
Sudha Shreeniwas, Department of Human Development and Family Studies
Syble Solomon, The Graduate School
Martha Taylor, Department of Nutrition
Janice I. Wassel, Department of Sociology and Gerontology Program Director

A Post-Baccalaureate Certificate in gerontology is offered through The Graduate School. Fifteen semester hours are required. Undergraduate students at UNCG who plan to undertake graduate study at UNCG, and who need no more than 12 hours of work to fulfill all requirements for the bachelor's degree, may enroll in The Graduate School. See "Dual Registration" in *The Graduate School Bulletin.*

GERONTOLOGY COURSE (GRO)

Course for Advanced Undergraduates & Graduate Students

501 Seminar: Critical Issues of Aging (3:3)
Intensive review and analysis of the literature and research on issues and unresolved problems of aging. (FALL)

Please refer to The Graduate School Bulletin *for additional graduate-level courses.*

Greek

(see Classical Studies)

Grogan College

Office: 113 Grogan Hall
336/334-5898
www.uncg.edu/grc

John Sopper, Director, Department of Religious Studies
Love Crossling, Coordinator of Residential Learning

FACULTY FELLOWS

Wayne Bennett, School of Music
Joi Bulls, Department of Human Development and Family Studies
Dorothy Davis, Department of Anthropology
Stephanie Kurtts, School of Education
Larry Lavender, Department of Dance
Deborah Stanford, School of Nursing
Ramesh Upadhyaya, School of Nursing
Joe Urba, Bryan School of Business and Economics
Frank Woods, African American Studies Program

Ione Grogan College is one of three residential colleges at The University of North Carolina at Greensboro. Grogan College and Grogan Residence Hall are named after Ione Grogan, an alumna of UNCG who returned to the University to teach mathematics and serve as a dormitory counselor. Grogan College, which was established in 1997, is limited to freshmen; it serves 300 students each year.

Grogan College is designed to enhance students' academic success and satisfaction with their college experience by providing a supportive community of students and faculty with common interests. Grogan College is divided into approximately fifteen Learning Communities (LCs), each focused on a specific theme and headed by a Faculty Fellow. Some of the LCs are designed for students who have already selected a major; others are for students from any major who share an interest in the topic. The approximately 22 students in each LC take several courses together in the fall and spring semesters of their freshmen year. The Faculty Fellow teaches one of the courses, serves as a mentor to students, and meets with them for extracurricular activities. The Director works with all Faculty Fellows and students to provide program-wide activities and opportunities for leadership and service.

Grogan College is a University-wide program. Faculty Fellows represent the College of Arts and Sciences and all six professional Schools. The Division of Student Affairs is a joint sponsor of the program, and Residence Life staff make an important contribution to the residence hall community. Enrollment Services provides scheduling and course registration support.

Grogan Residence Hall is an eight-story high-rise with air-conditioning and a co-ed residency. Internet and e-mail access is available in each room by a personal modem. A computer room, classroom/study area is located on the first floor, and study rooms are available on each floor. A kitchen and dining area on the ground floor opens to a covered patio and offers space for parties and picnics to Grogan College students.

Health

(see Public Health Education)

Department of History

including Western Civilization

The College of Arts & Sciences

2129 Moore Humanities and Research Administration
336/334-5992
www.uncg.edu/his

FACULTY

Charles Bolton, Professor and Head of Department
Professors Bilinkoff, Calhoon, Caneva, Kriger, Logan, Melton, Schleunes, Schweninger
Associate Professors Anderson, Barton, Filene, Floyd, Hunter, Jackson, Mazgaj, Ruzicka, Tolbert
Assistant Professors Jennison, Jones, Levenstein, Michaelson, Rupert
Lecturers deBeck, Moser
Adjunct Professor Leimenstoll

The Department of History offers a program which has four principal objectives: 1) to provide a general knowledge of the history of the United States, Europe, and the wider world (as we have defined our fields of concentration); 2) to teach students to think and read critically and thereby to develop the ability to analyze historical documents and to appreciate the nature of historical interpretations; 3) to improve students' ability to communicate both orally and in writing; and, 4) to foster the ability to conduct historical research. The Department offers a broad spectrum of courses in U.S., European, and wider world history; in the ancient, medieval, and modern periods; in social, cultural, political, economic, intellectual, military, and diplomatic history; the history of science; and in a variety of special topics including gender, sexuality, witchcraft, and terrorism.

The History Major prepares students for career opportunities in a wide range of employment, where liberally educated minds can be turned to fruitful account. It offers an excellent general background for later, more specialized studies in fields such as law and journalism. A number of history majors go on to work in public service at the local, state, and federal levels or find employment in those areas of the private sector where a premium is put on a sound general education. Finally, many history majors employ their skills more directly: in the teaching profession (from the primary through graduate school levels), in museums and archives, or in the expanding field of historical preservation work.

The department offers programs leading to the Bachelor of Arts degree in history, the Master of Arts in history, and the Doctor of Philosophy in history.

Although the department does not formally restrict admission to its courses with regard to level, it recommends its 300-level courses to sophomores and above and its 400- and 500-level courses to juniors and seniors.

History Major (HIST)

Degree: Bachelor of Arts

Required: 122 semester hours, to include at least 36 hours at or above the 300 course level

AOS Codes:
History (general), U175
History with Teacher Licensure in Social Studies, U177

REQUIREMENTS

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
Historical Perspectives on Western Culture (GHP)	3
Mathematics (GMT)	3
Natural Sciences (GNS)	6–7
one must be a laboratory course; each must have a different departmental prefix	
Reasoning and Discourse (GRD)	6
ENG 101 or FMS 115 or RCO 101, and one additional GRD course	
Social and Behavioral Sciences (GSB)	6

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers, at least one of which must carry the GN marker

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major.** All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major.** All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III College of Arts and Sciences Additional Requirements (CAR)

See pp. 89–91 for requirements and approved courses.

Historical Perspectives on Western Culture 3
either a GHP/GPM or GMO course

Humanities and Fine Arts 3
one additional Literature (GLT) course

Natural Sciences 3–4
one additional GNS/GLS or GPS course

Social and Behavioral Sciences (GSB) 3
one additional GSB course

Foreign Language (GFL) 0–12
intermediate-level proficiency in one language, demonstrated by placement test, or completion of course work through course number 204

Writing Intensive Courses (WI)
a total of four WI courses

IV Major Requirements

Minimum 30 semester hours above the 100 level, where History is the primary major.

All majors must maintain a cumulative grade point average of at least 2.0 in history courses to qualify for a degree in History.

The department divides its undergraduate offerings into three fields (see courses listed below): Western Europe, United States, and the Wider World. For the primary major, the minimum of 30 hours must include:

1. 9 s.h. at the 200 level distributed as follows: 3 s.h. in Western Europe; 3 s.h. in United States; 3 s.h. in Wider World
2. 12 s.h. at the 300 level, which must include one Research Intensive course, designated in the course schedule as RI
3. 9 s.h. at the 500 level, which must include HIS 511A, B, or C (Seminar in Historical Research and Writing); one 300-level RI designated course will serve as a prerequisite for HIS 511A, B, C.

To ensure that each major has breadth in his or her program, of the 30 semester-hour minimum, a student must take at least 6 hours from each of the three fields (Western Europe, United States, Wider World). In addition, at least 3 s.h. of the 6 s.h. from each of the three fields must be at the intermediate (300) or advanced (500) level.

Field I: Europe

220, 221, 222, 223, 251, 252, 309, 310, 311, 315, 349, 351, 353, 354, 355, 360, 363, 364, 365, 368, 369, 371, 373, 374, 375, 376, 392, 393, 397, 510, 511B, 541, 542, 544, 560, 562, 563, 564, 567, 571, 574

Field II: United States

211, 212, 301, 302, 324, 325, 326, 327, 328, 329, 335, 336, 337, 338, 339, 340, 343, 344, 347, 359, 502, 511A, 512, 515, 517, 518, 520, 522, 524, 526, 530, 545, 546, 549, 551

Field III: Wider World

203, 204, 215, 216, 217, 218, 239, 240, 303, 304, 306, 320, 321, 370, 377, 378, 381, 383, 384, 385, 386, 389, 399, 508, 511C, 575, 581, 587, 588

Other

Individual study courses for the most part; will vary according to subject taught each time: 305, 390, 401, 402, 493

V Related Area Requirements

Because history is closely related to many other disciplines, we strongly recommend that history majors consult their advisors about using their liberal education requirements and electives to build a coherent series of related courses. Students interested in the various national histories may wish to pursue language and literature courses in the same area; students interested in social and institutional history may wish to pursue courses in the social sciences such as anthropology, sociology, political science, and economics; students interested in cultural and intellectual history will profit by work in philosophy, religious studies, and art and music history.

VI Electives

Electives sufficient to complete the 122 semester hours required for degree.

History Major with Teacher Licensure in Social Studies

Students seeking teacher licensure should see **Teacher Education**. Licensure in social studies is available for history majors. Additional semester hours are required for completion of the degree. Please see teacher licensure requirements in Teacher Education Programs.

History as a Second Major

Students who wish to declare a second major in History must complete all requirements listed above for the History major.

History as a Second Academic Concentration for Elementary Education Majors

Required: 18 semester hours

1. Required core courses (6 s.h.): HIS 211 and 212
2. Select 12 s.h. from HIS 301, 302, 326, 327, 328, 329, 330, 335, 336, 337, 338, 339, 340, 343, 344, 347, 349

History as a Second Academic Concentration for Special Education Majors

Required: 18 semester hours

1. Required core course (3 s.h.): HIS 211 or 212
2. Required core course (3 s.h.): HIS 347
3. Twelve (12) additional s.h. of HIS courses, of which two (2) are at the 200 level and two (2) are at the 300 level

History Minor

Required: 15 semester hours in history

The History Minor complements majors in a variety of fields, including English, the languages, and the other social sciences. Requirements are flexible to permit students to select courses with the help of their major departments, which will develop and extend their individual interests as

expressed in their majors. A student who has taken six (6) hours of Western Civilization may count three (3) hours toward the History minor.

HISTORY COURSES (HIS)

GE Core denotes General Education Core credit; GE Marker denotes General Education Marker credit; CAR denotes College Additional Requirement credit.

Courses for Undergraduates

203 History of Africa to 1870 (3:3)
GE Core: GHP *GE Marker: GN* *CAR: GPM*
Early African empires, the spread of Islam, European exploration, the Atlantic slave trade and its effects, slavery in Africa, white settlement in South Africa.

204 History of Africa since 1870 (3:3)
GE Core: GHP *GE Marker: GN* *CAR: GMO*
Colonial partition, missionaries, wars of resistance, styles of colonial rule, development and underdevelopment, independence movements and de-colonization, neo-colonialism, capitalism and socialism, civil wars, apartheid in South Africa.

211, 212 The United States: A General Survey (3:3), (3:3)
GE Core: GHP *CAR: GMO*
First semester: to 1865. Second semester: since 1865.

215 The Civilizations of Asia (3:3)
GE Core: GHP *GE Marker: GN* *CAR: GPM*
History, institutions, and culture of India, China, and Japan, from earliest times to about 1700. Limited reference to Southeast Asia, Central Asia, and Korea.

216 The Civilizations of Asia (3:3)
GE Core: GHP *GE Marker: GN* *CAR: GMO*
Impact of West on Asia and Asia's response; development of nationalism and Communism. Focus is on India, China, and Japan in nineteenth and twentieth centuries.

217, 218 The World in the Twentieth Century (3:3), (3:3)
GE Core: GHP *GE Marker: GN* *CAR: GMO*
Political, social, and economic forces affecting Africa, the Americas, Asia, and Europe. Issues include Cold War, imperialism, nationalism, terrorism, world war. First semester: 1900–1945. Second semester: since 1945.

220 The Ancient World (3:3)
GE Core: GHP *CAR: GPM*
Early civilizations: Near Eastern, Egyptian, Greek, and Roman to Reign of Constantine. (Same as CCI 220)

221 Medieval Legacy (3:3)
GE Core: GHP *GE Marker: GL* *CAR: GPM*
Survey of Western European history from the end of the Roman Empire to the fifteenth century exploring such varied aspects of the medieval experience as pilgrimage, crusade, peasant life, the emergence of national states, and the rise of the university.

222 Europe 1400–1789 (3:3)
GE Core: GHP *GE Marker: GL* *CAR: GPM*
Survey of major socio-economic, political, and cultural trends in Europe from the Renaissance to the French Revolution.

223 Modern Europe (3:3)
GE Core: GHP *GE Marker: GL* *CAR: GMO*
Survey of major socio-economic, political, and cultural trends in Europe from the French Revolution to the present.

239 Latin America: Colonial Period (3:3)
GE Core: GHP *GE Marker: GN* *CAR: GMO*
Introduction to the early history of Latin America. Emphasis on the clash of cultures, Indian-Spanish relations, and the structure and mechanisms of empire.

240 Latin America: National Period (3:3)
GE Core: GHP *GE Marker: GN* *CAR: GMO*
Introduction to the political and economic history of Latin America since independence. Survey covers political dynamics, social transformations, and the evolution of export economics.

251, 252 The History of Western Science: A Survey (3:3), (3:3)
GE/Core: GHP *CAR: 251-GPM; 252-GMO*
Introduction to major developments in the history of Western science. First semester: from antiquity to the Scientific Revolution. Second semester: from 18th to 20th century.

301 Race and Slavery (3:3)
GE Core: GHP *CAR: GMO*
Examination of the black experience from ancient to modern times, including pre-colonial Africa, the Atlantic slave trade, slavery in the Americas with special emphasis on the United States before 1865.

302 Race and Segregation (3:3)
GE Core: GHP *CAR: GMO*
Race and segregation in the United States since the Civil War, including the origins of Jim Crow laws, civil rights movement, black urbanization, the Harlem Renaissance, black nationalism, and the black experience in America.

303 South Africa and Its Neighbors (3:3)
Early African societies and states, slave trade and slavery, European settlement and expansion, mineral revolution, colonialism and independence in Zimbabwe, Angola, Mozambique, Namibia; apartheid and African nationalism in South Africa.

304 Gender, Family, and Wealth in African History (3:3)
Examines how relations, obligations, and transactions between men and women have affected the production and distribution of wealth in African societies during precolonial times, colonial rule, and since independence.

306 Islam and Popular Culture in Africa (3:3)
- *Not open to freshmen.*

Examines opportunities, challenges, and threats presented by Islam, and varying ways individual Africans and their communities have responded to it since the 7th century.

309 Unity and Unrest in Medieval Towns (3:3)
GE Marker: GL
Examines the ways in which the towns of Medieval Europe constructed social unity and the ways in which that unity was threatened by cultural change and social unrest. (OCC)

310 Daughters of Eve: Women in the Middle Ages (3:3)
GE Marker: GL
Examines the political, social, religious, and cultural experiences of women during the European Middle Ages. Consideration given to gender roles, family structure, and writings by and about women. (ALT YEARS)

311 Darwin and the Theory of Evolution (3:3)
GE Core: GHP *CAR: GMO*
Study of the background, genesis, and reception of Darwin's theory in its scientific and social context as the basis for an examination of the nature and scope of scientific explanations.

312 The Crusades (3:3)
Social, political, and religious causes of crusading: events of the crusades (1097–1250); impact of the crusades on Christian Europe and the Muslim Near East. (ALT)

315 Witchcraft and Magic in European History (3:3)
Examination of witchcraft beliefs and persecution as a way of studying the social history of Europe before industrialization. Emphasizes the "Witch Craze" of the sixteenth and seventeenth centuries.

320 Central American History (3:3)
GE Marker: GN
The political structure and economies of a "nation divided," the Central American republics from independence in 1821 to the triumph of neoliberalism at the beginning of the 21st century.

321 Latin America and the United States (3:3)
A history of inter-American relations from the Monroe Doctrine to the Caribbean Basin Initiative. An examination of traditional interpretations and contemporary arguments and the Latin American context and perspective.

324 The Frontier in American Culture (3:3)
Role of the frontier as symbol and region in the development of American culture from early settlement to the twentieth century. Topics include race, gender, ethnicity, and popular culture. (FALL OR SPRING)

325 History of the American Home (3:3)
Study of houses as historical evidence of social change from the colonial period to the twentieth century. Topics include: impact of gender, region, social class, and ethnicity on American housing. (FALL OR SPRING OR SUMMER)

326 Using Photographs as Historical Evidence (3:3)
Case study approach using photographs as historical evidence from the Civil War to the Great Depression. History and interpretation of specific print materials. Identification, care and handling of historic photographs. (FALL OR SPRING)

327 American Cultural History (3:3)
GE Core: GHP CAR: GMO
• *Not open to freshmen.*
Using paintings, houses, literature, radio, television, and other materials, this course explores the creation and development of American culture from early settlement through the twentieth century.

328 Women in American History, Part I (3:3)
A history of women in the U.S. from colonial times through the Civil War. Topics include roles, status, image, family, work, and racial and class differences in experience.

329 Women in American History, Part II (3;3)
A history of women in the U.S. since the Civil War. Topics include roles, status, image, family, work, and racial and class differences in experience.

332 Civil Rights and Black Freedom, 1940–1980 (3:3)
Southern and national civil rights politics in light of local and human rights dimensions of the wider black freedom movement. Special attention to leadership, economics, local movements, and white resistance. (ALT SPRING)

335 The American Colonial Period, 1607–1763 (3:3)
GE Core: GHP CAR: GMO
Selected topics pertaining to development of colonies to eve of American Revolution.

336 The Age of the Democratic Revolution, 1764–1789 (3:3)
GE Core: GHP CAR: GMO
The politics, social structure, warfare, and ideology of the American Revolution set against the background of early modern European thought and modern American constitutional development.

337 The Age of Jefferson and Jackson, 1789–1848 (3:3)
A study of American History, 1789–1848, including examination of political events and politicians, economic and social trends and developments, and growth of sectionalism.

338 Civil War, Reconstruction, and Reunion, 1848–1896 (3:3)
American history from the end of the Mexican War to the Bryan campaign, centering on the slavery controversy, Civil War and Reconstruction, industrialization, urbanization, and agrarian problems.

339 War, Society, and Reform: America, 1896–1945 (3:3)
Examines the impact during the first half of the twentieth century of two world wars, reform, industrialization, the changing status of women and minorities, and the emergence of mass culture.

340 The United States since World War II (3:3)
Selected social, political, and international trends and events: Cold War and Vietnam; conservatism from McCarthy to Reagan; black freedom, radicalism and the Great Society; feminism; mass immigration and multicultural America.

342 U.S. Women and their Bodies (3:3)
Women's bodies and health in historical perspective. Topics include: anatomy, menstruation, childbirth, birth control, abortion, violence, pregnancy, nutrition, eating disorders, HIV/AIDS, menopause, breast cancer, and sexuality. (ALT YEARS)

343 The Old South (3:3)
Economy, society, and polity of the South from colonial times to the Civil War. The institution of slavery. Emphasis on period 1820–1860.

344 The New South (3:3)
Southern history from Reconstruction to the present. Emphasis on race, politics, agriculture, and industry.

347 History of North Carolina (3:3)
History of North Carolina from its colonial origins to the twentieth century, including the evolution of its political system, economy, social structure, and culture.

349 The World at War, 1914–1945 (3:3)
GE Marker: GL
Study of the two world wars of this century. Emphasis upon socio/political systems responsible for the wars; military systems which fought them; and impact of the wars on the world.

351 History of Greece, 2000 B.C.–31 B.C. (3:3)
Mycenaean society, Greek "dark ages," colonization and tyranny, Athens and Sparta, flowering in the fifth and fourth centuries, conquests of Alexander, Hellenistic empires, and the diffusion of Greek civilization. (Same as CCI 351)

353 Athens in the Fifth Century B.C. (3:3)
Pr. 220 or 351 or permission of instructor
Study of the social and political history of Athens in the fifth century B.C. Ruzicka (Same as CCI 353)

354 The Roman Republic, 754 B.C.–44 B.C. (3:3)
Study of the social and political forces that led to Rome's conquest of the Mediterranean World—and of the transformation which world conquest wrought on Rome itself. Topics covered include: the Roman Constitution and politics, the Roman conquest of Italy and then of the whole Mediterranean, and the decline of the Republic. (Same as CCI 354)

355 The Roman Empire, 44 B.C.–A.D. 337 (3:3)
GE Marker: GL
Survey of politics and society at Rome under the Empire, when Rome dominated Western Civilization. Topics covered include: Augustus and the rise of one-man rule at Rome, the long "Roman Peace" and the civilizing of Europe under the Emperors, the rise of Christianity, and the transformed Empire of Constantine the Great. (Same as CCI 355)

359 Sexuality in Historical Perspective (3:3)
Survey of the history of sexuality since the 17th century, with emphasis on America. Topics include agrarian sexual patterns, the impact of industrialization, Victorianism, birth control, the effects of Freud, and the 20th-century "sexual revolution."

360 The Structure of Scientific Change: Topics in the History of Science (3:3)
GE Core: GHP CAR: GMO
In-depth examination of selected topics to elucidate the nature of scientific change. Representative topics: Thomas Kuhn's image of science; the Chemical Revolution; evolution; relativity.

363 European Economic History (3:3)
Pr. ECO 201
Study of the evolution of European economies from early modern times to the twentieth century. Emphasis on sources of growth: trade, migration, industry, technical change, labor, and capital. (Same as ECO 363)

364 The French Revolutionary Era (3:3)
France in the age of the French Revolution, including the old regime, Enlightenment, narrative and interpretive treatment of the Revolution.

365 Modern France (3:3)
Social, political, and cultural forces that shaped France through the Third Republic, World Wars, rise of communism and fascism, Occupation and Resistance, postwar Fourth and Fifth Republics.

368 Medieval Thought and Learning from 300 to 1500 (3:3)
A survey of the formation of a medieval intellectual tradition and its institutional expression in the Latin West from late Roman times to the sixteenth century.

369 History of Spain (3:3)
GE Core: GHP GE Marker: GL CAR: GPM
Exploration of major themes in Spanish history, including the concept of crusade, the experience of empire, and struggle for religious, ethnic, and political unity. Focuses on Spain during its "Golden Age" (1500–1700).

370 Revolutions in 20th-Century Latin America (3:3)
Comparative history of revolution in twentieth-century Bolivia, Cuba, Guatemala, Mexico, and Nicaragua.

371 Europe since World War I (3:3)
GE Core: GHP GE Marker: GL CAR: GMO
A survey of modern Europe with emphasis on the two world wars, political ideologies and cultural developments, and the postwar movement to European integration.

373 English History to 1660 (3:3)
GE Core: GHP CAR: GPM
Origins and evolution of English culture and English constitution.

374 British History 1688–Present (3:3)
GE Core: GHP CAR: GMO
Major landmarks in the social, political, intellectual, and cultural history of the diverse peoples of the British Isles from the Glorious Revolution of 1688 to the 21st century.

375 Germany in the Nineteenth Century, 1800–1914 (3:3)
GE Marker: GL
Examination of German social and political structures and their functioning between 1800 and outbreak of World War I. Attendant emphasis placed upon cultural and intellectual issues which illuminate German (and European) culture of the nineteenth century.

376 German History, 1914–1945 (3:3)
GE Marker: GL
German social and political structures and their functioning during World War I, Weimar Republic, and Third Reich with attendant emphasis on cultural and intellectual themes.

377 Russian History to 1900 (3:3)
Introduction to old Russia of Kiev and Muscovy, followed by a more intensive survey of eighteenth and nineteenth centuries.

378 Russian History since 1900 (3:3)
End of Tsarist Empire, Revolution of 1917 and its aftermath, Soviet Union under Stalin, and recent developments.

381 The Near and Middle East (3:3)
GE Core: GHP GE Marker: GN CAR: GMO
Emphasizes developments since World War I.

382A Experimental Course: Modern Korea (3:3)
History of modern Korea, 1876 to the present. (Offered spring '07)

382B Experimental Course: Crime and Punishment in Eighteenth Century England (3:3)
The transformation of eighteenth century English society based on the changing views of crime, punishment, and attitudes of offense and individual rights. (Offered fall '07)

382C Experimental Course: Globalization, 1400–1750 (3:3)
The overseas expansion of Europe, the creation of empires and colonies in the Atlantic and Indian Ocean basins, and the effects on local economies, societies, and cultures. (Offered fall '07)

383 Chinese History to 1800 (3:3)
GE Marker: GN
Early Chinese Civilization: Imperial Period; first dynasties; Early Modern China.

384 The Modern Transformation of China: 1800 to Present Day (3:3)
GE Marker: GN
Coming of Europeans; decline of imperial institutions to 1870; Western impact and Chinese reforms, 1870–1945; contemporary China.

385 Japanese History to 1867, Izanagi and Izanami to Emperor Meiji (3:3)
Creation myths—archaeological record, warrior aristocracy under Chinese veneer, Japanese feudalism: Shoguns, daimyo samurai, servants of Christ, diplomats, seclusion, and civil war.

386 Creating Modern Japan, 1867 to the Present (3:3)

Meiji Restoration and the West, Radical Nationalism, Parliamentary government, World War II from Manchurian Incident through MacArthur. Present day Japan.

389 West Africa during the Atlantic Slave Trade (3:3)

Examines how trade between European and African countries developed into a trans-Atlantic slave trade. Focus on origins of slaves and effects of slave trade on Africa, ca. 1450–1850.

390 History Internship (3)

Pr. minimum of 12 s.h. with a 3.0 GPA in history and permission of Director of Undergraduate Studies

- *May be repeated for credit.*

Field learning experience in public or applied history. Academic supervision provided by job supervisor. Assigned reading and written reports.

392 The Holocaust: History and Meaning (3:3)

GE Marker: GL

This course examines the history of the Nazi Holocaust during World War II and explores a variety of meanings—intellectual and artistic—that have been imposed upon it.

393 Medieval Church and State (3:3)

GE Marker: GL

Course examines origins, elaboration, and impact of political thought in the West as it arose out of the ongoing transformation of the medieval church and state from circa 300–1500.

397 Modern European Thought (3:3)

Intellectual and cultural history from the Enlightenment to the present with emphasis on major political ideologies (liberalism, conservatism, socialism, fascism) and the long-running debate on virtues and vices of Western-style "modernity."

399 Images of Africa in Film (3:2:3)

Examines how Africa and Africans have been portrayed in film, from the creation and perpetuation of Hollywood stereotypes to the emergence of Independent Black Film and African Cinema. (FALL)

401, 402 Individual Study (1–3), (1–3)

Directed program of reading or research. Available to qualified students upon the recommendation of an instructor and approval of department head.

493 Honors Work (3–6)

Pr. permission of instructor; 3.30 GPA in the major, 12 s.h. in the major

- *May be repeated for credit if the topic of study changes.*

Courses for Advanced Undergraduates & Graduate Students

502 African American History: Selected Topics (3)

- *May be repeated once for credit.*

Examination of selected topics in black history including African beginnings, slavery, racial attitudes, and civil rights.

505 Introduction to Archival Management (3:3)

Pr. permission of instructor

Principles of archival management, featuring both classroom instruction in archival theory and practical experience in manuscript repositories and public and private archives. (Same as LIS 505)

508 Latin America: Selected Topics (3:3)

Pr. one course in Latin American history or permission of instructor

- *May be repeated once for credit when topic varies.*

A study of select political and economic developments from a historical perspective. Topics include an examination of Hispanic democracy, the evolution of the military, and land tenure. Seminar format.

510 Historiography (3:3)

Development of the historical profession and perspectives on historical writing. Selected readings by philosophers and practicing historians such as Herodotus, Ibn Khaldun, Ranke, Marx, Braudel, Thompson, Foucault, Dilthey, and Steedman.

511A, B, C Seminar in Historical Research and Writing (3:3), (3:3), (3:3)

Pr. one 300-level Research Intensive (RI) history course and permission of instructor

- *Required of history majors.*
- *May be repeated once for credit when topic varies.*

Locating and using historical source materials, written and oral, published and unpublished. 511A: American; 511B: European; and 511C: Wider World.

512 Public History (3:3)

A history of America's past through museums (indoor and outdoor); collections and their interpretation; exhibitions and park and wilderness areas.

515 American Diplomatic History: The Twentieth Century (3:3)

Emphasis on most important crises and making of basic policy decisions from Spanish American war to present.

517 American Economic History: Colonial Times to 1865 (3:3)

Pr. ECO 201 or permission of instructor

Evolution of the American economy through the Civil War. Emphasis on sources of economic growth and economic welfare. (Same as ECO 517)

518 American Economic History: 1865 to Present (3:3)

Pr. ECO 201 or permission of instructor

Evolution of the American economy from the Civil War to the present. Emphasis on economic performance through time measured against the goals of full employment, price stability, and rapid growth. Course taught as Writing Intensive (WI) and Speaking Intensive (SI). (SPRING) (Same as ECO 518)

520 Southern History: Selected Topics (3:3)

- *May be repeated once for credit when topic varies.*

Selected topics in the history of the American South from the colonial origins to our time. Examples include politics, education, economic development, reform, race, and gender.

522 Early American History: Selected Topics (3:3)

- *May be repeated once for credit when topic varies.*

Varying topics in early American history including settlement, economic development, Puritanism, the Great Awakening, slavery, ethnicity, and pre-Revolutionary politics.

524 Twentieth-Century U.S. History: Selected Topics (3:3)

- *May be repeated once for credit when topic varies.*

Varying topics in twentieth-century U.S. history including Progressive Era, World War I, the 1920s, the Great Depression and New Deal, World War II, McCarthyism, Civil Rights Movement, Vietnam War, the 1960s.

526 The Civil War and Reconstruction: Selected Topics (3:3)
- *May be repeated once for credit when topic varies.*

Causes of the Civil War. Military events and developments on the home front in wartime, North and South. Reconstruction policy in Washington and its implementation in the South.

530 History of Sexuality: Selected Topics (3:3)
Pr. for undergraduates, HIS 359 or the permission of the instructor.
- *May be repeated once for credit when topic varies.*

Intensive exploration of critical themes in the history of sexuality, including such issues as fertility control, sexual identity, and sexual politics.

534 The American Revolution (3:3)
Pr. none; HIS 211 recommended

Politics of Empire, colonial political culture, War for Independence, constitutionalism, race, partisanship from the 1750s to 1800. (ALT)

536 History of Decorative Arts (3:3)

Study of stylistic and cultural developments in the decorative arts with special concentration on America. (Same as IAR 536)

541 Ancient World: Selected Topics (3:3)
- *May be repeated once for credit when topic varies.*

Varying topics in ancient Near Eastern, Greek, and Roman history, including politics and public rituals, patterns of social organization, ancient slavery, cross-cultural interactions. (Same as CCI 541)

542 Middle Ages: Selected Topics (3:3)
- *May be repeated once for credit when topic varies.*

Varying topics in medieval culture and society chosen from the broad categories of political, social, economic, intellectual, or religious history.

543 Historic Preservation: Principles and Practice (3:3)
Pr. IAR 222, or permission of instructor

Study of change in historic preservation theory and practice since the 1800s with emphasis on preservation of built environment. Development of philosophical approach for designers to contemporary preservation projects. (Same as IAR 543)

544 Early Modern Europe: Selected Topics (3:3)
- *May be repeated once for credit when topic varies.*

Varying topics in early modern European history, including Renaissance cities, Protestant Reformation, Catholic Reformation, court cultures, impact of printing, gender and identity and the Age of Discovery.

545 Southern History and Southern Material Culture in a Museum Context (3)
Pr. permission of instructor; students must submit written application.
- *May be repeated for credit when topic varies, with permission of instructor.*

Combined southern history and material culture with a museum practicum. Offered each summer at the Museum of Early Southern Decorative Arts in Winston-Salem. Students selected by individual application. (SUMMER) (Same as IAR 545)

546 American Cultural History: Selected Topics (3:3)
- *May be repeated once for credit when topic varies.*

Varying topics in the creation and development of American culture including the role of technology, environment, ethnic diversity, and the history of ideas. (SPRING)

547 History Museum Curatorship: Collections Management (3:3)
Pr. admission to a graduate program in history or interior architecture, or permission of instructor

Professional practices in the care and management of historic site and history museum collections, including principles of collection development, object registration, cataloging, and preservation. (ALT SPRING) (Same as IAR 547)

548 Architectural Conservation (3:3)
Pr. IAR 332, 301, or permission of instructor

Overview of contemporary architectural conservation principles, practice and technology. A series of field exercises, group projects and investigation of an individual research topic expand upon lectures and readings. (Same as IAR 548)

549 American Social History: Family and Religion (3:3)

American social history from the eve of colonization to Reconstruction, the family and communal organization of early American society, and the assumptions about human nature and destiny underlying culture and change.

551 Gender and History: Selected Topics (3:3)
- *May be repeated once for credit when topic varies.*

Varying topics in Gender and History including Gender and Popular Culture; Gender, Labor, Race, and Class; History of Masculinity.

552 History and Theories of Material Culture (3:3)
Pr. admission to a graduate program in history or interior architecture, or permission of instructor

Material culture as it has been defined and interpreted in the past by scholars from the disciplines of History, Anthropology, Geography, Art History, Psychology, Linguistics, and Archaeology (SPRING) (Same as IAR 552)

555 Field Methods in Preservation Technology (3:1:6)
Pr. admission to a graduate program in history or interior architecture, or permission of instructor

Intensive on-site fieldwork experience addressing issues of architectural conservation and historic building technology. Includes methods, techniques, and theories of preservation technology and accepted conservation practices. (SUMMER) (Same as IAR 555)

560 Nineteenth-Century Europe: Selected Topics (3:3)
- *May be repeated once for credit when topic varies.*

Selected topics address comparative political, social, and economic development of major European states and changing power relationships from the defeat of Napoleon to the end of the First World War.

562 Twentieth-Century Europe: Selected Topics (3:3)
- *May be repeated once for credit when topic varies.*

Topics in 20th-century European history including World War I, its impact on European thought and culture, the origins of World War II, the movement for European Unity, the Cold War.

563 Early Modern England: Selected Topics (3:3)
- *May be repeated once for credit when topic varies.*

Varying topics in early modern British history, including the Protestant Reformation, political revolutions and economic and social change.

564 Modern Britain: Selected Topics (3:3)
- *May be repeated once for credit when topic varies.*

Varying topics in modern British history such as the industrial revolution, parliamentary reform, loss of one empire and the creation of a second, World War I and II.

567 French History: Selected Topics (3:3)
- *May be repeated once for credit when topic varies.*

Study of specific themes and/or problem areas in French History.

571 Modern European Thought: Selected Topics (3:3)
- *May be repeated once for credit when topic varies.*

Study of selected themes and/or problems in European intellectual and cultural history.

574 Modern Germany: Selected Topics (3:3)
- *May be repeated once for credit when topic varies.*

Varying topics in modern German history including the Third Reich, Germany during World War I, Bismarckian Germany, ideology in Germany.

575 Modern Russian History: Selected Topics (3:3)
- *May be repeated once for credit when topic varies.*

Varying topics in modern Russian history, including "Great Reforms," industrialization, revolutionary movement, Marxism–Leninism, tsarist and Soviet foreign policy, Soviet politics, post-World War II changes, Gorbachev era, and end of Soviet Union.

578 Research Methods in Historical Archaeology (3:3)
Pr. junior, senior, or graduate status

Advanced training in research methods in Historic Archaeology, involving on-site training in field, laboratory, and library components of Historic Archaeology. (Same as ATY 578 and IAR 578)

581 African History: Selected Topics (3:3)
- *May be repeated once for credit when topic varies.*

Varying topics in African history including Central African Kingdoms, Pre-colonial West African Kingdoms, "Stateless" Societies of Africa.

587 Southern African History (3:3)

The rise and decline of African nations in nineteenth-century southern Africa: economic and social change; the creation of the Union of South Africa and the roots of apartheid.

588 East Asian History: Selected Topics (3:3)
- *May be repeated once for credit when topic varies.*

Varying history in East Asian history: a detailed examination of specific social, economic, political and intellectual facets of Chinese, Korean and Japanese history.

Please refer to The Graduate School Bulletin
for additional graduate-level courses.

WESTERN CIVILIZATION COURSES (WCV)

GE Core denotes General Education Core credit; GE Marker denotes General Education Marker credit; CAR denotes College Additional Requirement credit.

Courses For Undergraduates

101, 102 Western Civilization (3:3), (3:3)
GE Core: GHP *GE Marker: GL*
CAR: WCV 101—GPM; WCV 102—GMO

Interdisciplinary study of Western Civilization emphasizing critical developments from ancient to modern times.

Honors Programs

Including the General-Education Honors Program and the Disciplinary Honors Program

Lloyd International Honors College
205 Foust Building
336/334-5538
http://www.uncg.edu/hss

STAFF
Dennis Patrick Leyden, Director
Pamela L. McRae, Assistant Director
Caryn Atwater, Honors Advisor
Sarah A. Krive, Program Associate
Mark Hens, Director, Undergraduate Scholars Program
Melvalyn Allred, Secretary

HONORS COUNCIL
Deborah Bell, Thomas R. Kwapil, and Susan Shelmerdine; College of Arts and Sciences
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Andrew Willis, School of Music
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The Lloyd International Honors College administers UNCG's Honors Programs: the General-Education Honors Program and the Disciplinary Honors Program. For general information about the Lloyd International Honors College, including information about admission, courses, extra- and co-curricular activities, advising, scholarships, etc., see the description of the **Lloyd International Honors College** in the **Academic Units** section of this *Bulletin* (chapter 6).

General-Education Honors Program

The General-Education Honors Program is designed to complement and enrich the University's General-Education Program for students in any major who are highly able and motivated, and must be completed by the end of the student's sophomore year. Students who complete the General-Education Honors Program take Honors courses in a wide range of subjects, reach a basic level of language competency in a second language, and engage in an international experience, thus providing themselves with a solid foundation for later studies. Courses taken in fulfilling the requirements for the General-Education Honors Program typically also fulfill the University's General Education Core requirements.

Requirements

To successfully complete the General-Education Honors Program, a student must be a member of Lloyd International Honors College at the time of graduation, have a UNCG GPA of 3.30 or higher at graduation, and have completed the following course work with grades of A or B:

1. a first-year Honors seminar (HSS 1XX 3 s.h.) in the first fall semester after having been admitted to Lloyd International Honors College;

2. HSS 198: Honors Proseminar I (1 s.h.) in their first fall semester after having been admitted to Lloyd International Honors College;
3. HSS 199: Honors Proseminar II (1 s.h.) in the spring semester immediately after successfully completing HSS 198; and
4. Nine (9) s.h. of additional Honors course work.

In addition, a student must:

1. master a language other than their native language through the level equivalent to the 204 level of language courses taught at UNCG. Ancient languages and sign languages are permitted. This requirement can be fulfilled by any combination of course work, placement tests, and appropriate evidence of mastery through other documentation. Course work and other forms of study abroad are permitted.
2. complete an approved international experience and report on this international experience to students in HSS 198 or HSS 199 through some combination of oral and written materials. To document completion of the international experience, students must register for HSS 299 (graded on a pass/not pass basis; 0 s.h.) in the semester in which they complete their report on their international experience.

Recognition

Students who complete the requirements for the General-Education Honors Program receive a *Certificate of General-Education Honors*, have that accomplishment noted on their official transcript, and are recognized at a banquet held at the end of the spring semester.

Disciplinary Honors Program

The Disciplinary Honors Program allows students in all majors to do Honors work in their majors or in upper-division interdisciplinary studies. Through Disciplinary Honors, students have the opportunity to study topics in depth and to do original, sophisticated research under the supervision of a faculty member, thus giving themselves a competitive advantage when applying for graduate school or beginning a career.

Requirements

The requirements for the Disciplinary Honors Program vary by major (students should check the individual departments in this *Bulletin* for details on specific course requirements) but includes at a minimum:

1. a UNCG GPA of 3.30 or higher at graduation,
2. at least 12 s.h. of Honors course work with grades of A and B as follows:
   - 6–9 s.h. Honors course work in the major,
   - HSS 490: Senior Honors Project (3 s.h.), and
   - 0–3 s.h. of other Honors course work

In some departments, graduate-level course work qualifies as Honors for undergraduates.

For those students who wish to pursue Disciplinary Honors in Interdisciplinary Studies, the requirements are:

1. UNCG GPA of 3.30 or higher at graduation,
2. 12 s.h. of Honors course work with grades of A and B as follows:
   - nine (9) s.h. of Honors course work, including at least six (6) s.h. at the 300 level or higher, and
   - HSS 490: Senior Honors Project (3 s.h.)

Recognition

Students who complete the requirements for the Disciplinary Honors Program receive a *Certificate of Disciplinary Honors in [major/Interdisciplinary Studies]*; have that accomplishment, along with the title of their Senior Honors Project, noted on their official transcript; and are recognized at a banquet held at the end of the spring semester.

Full University Honors

Students who complete all the requirements for both the General-Education Honors Program and the Disciplinary Honors Program are recognized for completing Full University Honors. Courses used to fulfill the requirements of one of those programs cannot be used to fulfill the requirements of the other.

Students who earn Full University Honors receive a *Certificate of Full University Honors in [major/Interdisciplinary Studies]*, have that accomplishment, along with the title of their Senior Honors Project noted on their official transcript, and are recognized at a banquet held at the end of the spring semester.

HONORS PROGRAMS COURSES (HSS)

GE Core denotes General Education Core credit; GE Marker denotes General Education Marker credit; CAR denotes College Additional Requirement credit.

Honors courses are listed under the following headings: Proseminar, Seminar, Elective, Directed Study, and Departmental.

PROSEMINARS

The two Honors Proseminar courses provide a year long introduction to the General Education Honors Program for entering freshmen and are required for all students who wish to complete the General Education Honors Program.

198 Honors Proseminar I (1:1:1)

Pr. Must be taken in the first fall semester after being admitted to the Lloyd International Honors College.

- *First of a two-semester sequence.*

Introduction to a liberal education in a global context, to cultural self-awareness and shock, and to methods for taking ownership of one's own education. (FALL)

199 Honors Proseminar II (1:1:1)

Pr. HSS 198; must be taken in the spring semester immediately after successfully completing HSS 198.

- *Second of a two-semester sequence.*

Introduction to a liberal education in a global context, to cultural self-awareness and shock, and to methods for taking ownership of one's own education. (SPRING)

SEMINARS

Honors Seminars may be used to meet General Education Core requirements in the credit areas indicated below. They, however, cannot substitute for introductory prerequisites in the major. Specific topics will vary from year to year.

101 First-Year Seminar in Historical Perspectives: Premodern (3:3)
GE Core: GHP CAR: GPM
Pr. admission to the Lloyd International Honors College or permission of the director; open to first-year students only
Historical study of human culture from ancient times to the 17th century. (FALL)

102 First-Year Seminar in Historical Perspectives: Modern (3:3)
GE Core: GHP CAR: GMO
Pr. admission to the Lloyd International Honors College or permission of the director; open to first-year students only
Historical study of human culture from the 17th century to the present. (FALL)

103 First-Year Seminar in the Physical Sciences (3:3)
GE Core: GNS CAR: GPS
Pr. admission to the Lloyd International Honors College or permission of the director; open to first-year students only
Study of physical sciences with attention to the methods of scientific investigation. (FALL)

104 First-Year Seminar in the Life Sciences (3:3)
GE Core: GNS CAR: GLS
Pr. admission to the Lloyd International Honors College or permission of the director; open to first-year students only
Study of life sciences with attention to the methods of scientific investigation. (FALL)

105 First-Year Seminar in the Fine Arts (3:3)
GE Core: GFA
Pr. admission to the Lloyd International Honors College or permission of the director; open to first-year students only
Study of selected topics in the fine arts, which include painting, sculpture, cinema, dance, music, theatre, architecture, and design. (FALL)

106 First-Year Seminar in Philosophical/Religious/Ethical Principles (3:3)
GE Core: GPR
Pr. admission to the Lloyd International Honors College or permission of the director; open to first-year students only
Study of philosophical, religious, and ethical traditions that have shaped societies in the past and the present. (FALL)

107 First-Year Seminar in Literature (3:3)
GE Core: GLT
Pr. admission to the Lloyd International Honors College or permission of the director; open to first-year students only
Study of works of literature and the social and historical contexts from which they come. (FALL)

108 First-Year Seminar in Social and Behavioral Studies (3:3)
GE Core: GSB
Pr. admission to the Lloyd International Honors College or permission of the director; open to first-year students only
Study of the interrelationship between individuals and society and of the social and intellectual contexts of events and situations. (FALL)

111 First-Year Seminar in Historical Perspectives: Premodern (3:3)
GE Core: GHP CAR: GPM GE Marker: GN
Pr. admission to the Lloyd International Honors College or permission of the director; open to first-year students only
Historical study of human culture from ancient times to the 17th century. (FALL)

112 First-Year Seminar in Historical Perspectives: Modern (3:3)
GE Core: GHP CAR: GMO GE Marker: GN
Pr. admission to the Lloyd International Honors College or permission of the director; open to first-year students only
Historical study of human culture from the 17th century to the present. (FALL OR SPRING)

113 First-Year Seminar in the Physical Sciences (3:3)
GE Core: GNS CAR: GPS GE Marker: GN
Pr. admission to the Lloyd International Honors College or permission of the director; open to first-year students only
Study of physical sciences with attention to the methods of scientific investigation. (FALL)

114 First-Year Seminar in the Life Sciences (3:3)
GE Core: GNS CAR: GLS GE Marker: GN
Pr. admission to the Lloyd International Honors College or permission of the director; open to first-year students only
Study of life sciences with attention to the methods of scientific investigation. (FALL)

115 First-Year Seminar in the Fine Arts (3:3)
GE Core: GFA GE Marker: GN
Pr. admission to the Lloyd International Honors College or permission of the director; open to first-year students only
Study of selected topics in the fine arts, which include painting, sculpture, cinema, dance, music, theatre, architecture, and design. (FALL)

116 First-Year Seminar in Philosophical/Religious/Ethical Principles (3:3)
GE Core: GPR GE Marker: GN
Pr. admission to the Lloyd International Honors College or permission of the director; open to first-year students only
Study of philosophical, religious, and ethical traditions that have shaped societies in the past and the present. (FALL)

117 First-Year Seminar in Literature (3:3)
GE Core: GLT GE Marker: GN
Pr. admission to the Lloyd International Honors College or permission of the director; open to first-year students only
Study of works of literature and the social and historical contexts from which they come. (FALL)

118 First-Year Seminar in Social and Behavioral Studies (3:3)
GE Core: GSB GE Marker: GN
Pr. admission to the Lloyd International Honors College or permission of the director; open to first-year students only
Study of the interrelationship between individuals and society and of the social and intellectual contexts of events and situations. (FALL)

121 First-Year Seminar in Historical Perspectives: Premodern (3:3)
GE Core: GHP CAR: GPM GE Marker: GL
Pr. admission to the Lloyd International Honors College or permission of the director; open to first-year students only
Historical study of human culture from ancient times to the 17th century. (FALL)

122 First-Year Seminar in Historical Perspectives: Modern (3:3)
GE Core: GHP CAR: GMO GE Marker: GL
Pr. admission to the Lloyd International Honors College or permission of the director; open to first-year students only
Historical study of human culture from the 17th century to the present. (FALL)

123 First-Year Seminar in the Physical Sciences (3:3)
GE Core: GNS CAR: GPS GE Marker: GL
Pr. admission to the Lloyd International Honors College or permission of the director; open to first-year students only
Study of physical sciences with attention to the methods of scientific investigation. (FALL)

124 First-Year Seminar in the Life Sciences (3:3)
GE Core: GNS CAR: GLS GE Marker: GL
Pr. admission to the Lloyd International Honors College or permission of the director; open to first-year students only
Study of life sciences with attention to the methods of scientific investigation. (FALL)

125 First-Year Seminar in the Fine Arts (3:3)
GE Core: GFA GE Marker: GL
Pr. admission to the Lloyd International Honors College or permission of the director; open to first-year students only
Study of selected topics in the fine arts, which include painting, sculpture, cinema, dance, music, theatre, architecture, and design. (FALL)

126 First-Year Seminar in Philosophical/Religious/Ethical Principles (3:3)
GE Core: GPR GE Marker: GL
Pr. admission to the Lloyd International Honors College or permission of the director; open to first-year students only
Study of philosophical, religious, and ethical traditions that have shaped societies in the past and the present. (FALL)

127 First-Year Seminar in Literature (3:3)
GE Core: GLT GE Marker: GL
Pr. admission to the Lloyd International Honors College or permission of the director; open to first-year students only
Study of works of literature and the social and historical contexts from which they come. (FALL)

128 First-Year Seminar in Social and Behavioral Studies (3:3)
GE Core: GSB GE Marker: GL
Pr. admission to the Lloyd International Honors College or permission of the director; open to first-year students only
Study of the interrelationship between individuals and society and of the social and intellectual contexts of events and situations. (FALL)

138 First-Year Seminar in Cultural Anthropology (3:3)
GE Core: GSB GE Marker: GN
Pr. admission to the Lloyd International Honors College or permission of the director; open to first-year students only
- *Students may not receive credit for both ATY 213 and HSS 138.*

Cultural anthropology attempts to stimulate interest in basic questions about human nature and human adaptation, including major theoretical approaches, the nature of field work, and an examination of selected topics. (FALL)

201 Seminar in Historical Perspectives: Premodern (3:3)
GE Core: GHP CAR: GPM
Pr. admission to the Lloyd International Honors College or permission of the director
- *May be repeated for credit when topic varies.*

Historical study of human culture from ancient times to the 17th century. (FALL OR SPRING)

202 Seminar in Historical Perspectives: Modern (3:3)
GE Core: GHP CAR: GMO
Pr. admission to the Lloyd International Honors College or permission of the director
- *May be repeated for credit when topic varies.*

Historical study of human culture from the 17th century to the present. (FALL OR SPRING)

203 Seminar in the Physical Sciences (3:3)
GE Core: GNS CAR: GPS
Pr. admission to the Lloyd International Honors College or permission of the director
- *May be repeated for credit when topic varies.*

Study of physical sciences with attention to the methods of scientific investigation. (FALL OR SPRING)

204 Seminar in the Life Sciences (3:3)
GE Core: GNS CAR: GLS
Pr. admission to the Lloyd International Honors College or permission of the director
- *May be repeated for credit when topic varies.*

Study of life sciences with attention to the methods of scientific investigation. (FALL OR SPRING)

205 Seminar in the Fine Arts (3:3)
GE Core: GFA
Pr. admission to the Lloyd International Honors College or permission of the director
- *May be repeated for credit when topic varies.*

Study of selected topics in the fine arts, which include painting, sculpture, cinema, dance, music, theatre, architecture, and design. (FALL OR SPRING)

206 Seminar in Philosophical/Religious/Ethical Principles (3:3)
GE Core: GPR
Pr. admission to the Lloyd International Honors College or permission of the director
- *May be repeated for credit when topic varies.*

Study of philosophical, religious, and ethical traditions that have shaped societies in the past and the present. (FALL OR SPRING)

207 Seminar in Literature (3:3)
GE Core: GLT
Pr. admission to the Lloyd International Honors College or permission of the director
- *May be repeated for credit when topic varies.*

Study of works of literature and the social and historical contexts from which they come. (FALL OR SPRING)

208 Seminar in Social and Behavioral Studies (3:3)
GE Core: GSB
Pr. admission to the Lloyd International Honors College or permission of the director
- *May be repeated for credit when topic varies.*

Study of the interrelationship between individuals and society and of the social and intellectual contexts of events and situations. (FALL OR SPRING)

211 Seminar in Historical Perspectives: Premodern (3:3)
GE Core: GHP CAR: GPM GE Marker: GN
Pr. admission to the Lloyd International Honors College or permission of the director
- *May be repeated for credit when topic varies.*

Historical study of human culture from ancient times to the 17th century. (FALL OR SPRING)

212 Seminar in Historical Perspectives: Modern (3:3)
GE Core: GHP CAR: GMO GE Marker: GN
Pr. admission to the Lloyd International Honors College or permission of the director
- *May be repeated for credit when topic varies.*

Historical study of human culture from the 17th century to the present. (FALL OR SPRING)

213 Seminar in the Physical Sciences (3:3)
GE Core: GNS CAR: GPS GE Marker: GN
Pr. admission to the Lloyd International Honors College or permission of the director
- *May be repeated for credit when topic varies.*

Study of physical sciences with attention to the methods of scientific investigation. (FALL OR SPRING)

214 Seminar in the Life Sciences (3:3)
GE Core: GNS CAR: GLS GE Marker: GN
Pr. admission to the Lloyd International Honors College or permission of the director
- *May be repeated for credit when topic varies.*

Study of life sciences with attention to the methods of scientific investigation. (FALL OR SPRING)

215 Seminar in the Fine Arts: Global Non-Western (3:3)
GE Core: GFA GE Marker: GN
Pr. admission to the Lloyd International Honors College or permission of the director
- *May be repeated for credit when topic varies.*

Study of selected topics in Global Non-Western fine arts, which include painting, sculpture, cinema, dance, music, theatre, architecture, and design. (FALL OR SPRING)

216 Seminar in Philosophical/Religious/Ethical Principles (3:3)
GE Core: GPR GE Marker: GN
Pr. admission to the Lloyd International Honors College or permission of the director
- *May be repeated for credit when topic varies.*

Study of philosophical, religious, and ethical traditions that have shaped societies in the past and the present. (FALL OR SPRING)

217 Seminar in Literature (3:3)
GE Core: GLT GE Marker: GN
Pr. admission to the Lloyd International Honors College or permission of the director
- *May be repeated for credit when topic varies.*

Study of works of literature and the social and historical contexts from which they come. (FALL OR SPRING)

218 Seminar in Social and Behavioral Studies (3:3)
GE Core: GSB GE Marker: GN
Pr. admission to the Lloyd International Honors College or permission of the director
- *May be repeated for credit when topic varies.*

Study of the interrelationship between individuals and society and of the social and intellectual contexts of events and situations. (FALL OR SPRING)

221 Seminar in Historical Perspectives: Premodern (3:3)
GE Core: GHP CAR: GPM GE Marker: GL
Pr. admission to the Lloyd International Honors College or permission of the director
- *May be repeated for credit when topic varies.*

Historical study of human culture from ancient times to the 17th century. (FALL OR SPRING)

222 Seminar in Historical Perspectives: Modern (3:3)
GE Core: GHP CAR: GMO GE Marker: GL
Pr. admission to the Lloyd International Honors College or permission of the director
- *May be repeated for credit when topic varies.*

Historical study of human culture from the 17th century to the present. (FALL OR SPRING)

223 Seminar in the Physical Sciences (3:3)
GE Core: GNS CAR: GPS GE Marker: GL
Pr. admission to the Lloyd International Honors College or permission of the director
- *May be repeated for credit when topic varies.*

Study of physical sciences with attention to the methods of scientific investigation. (FALL OR SPRING)

224 Seminar in the Life Sciences (3:3)
GE Core: GNS CAR: GLS GE Marker: GL
Pr. admission to the Lloyd International Honors College or permission of the director
- *May be repeated for credit when topic varies.*

Study of life sciences with attention to the methods of scientific investigation. (FALL OR SPRING)

225 Seminar in the Fine Arts (3:3)
GE Core: GFA GE Marker: GL
Pr. admission to the Lloyd International Honors College or permission of the director
- *May be repeated for credit when topic varies.*

Study of selected topics in the fine arts, which include painting, sculpture, cinema, dance, music, theatre, architecture, and design. (FALL OR SPRING)

226 Seminar in Philosophical/Religious/Ethical Principles (3:3)
GE Core: GPR GE Marker: GL
Pr. admission to the Lloyd International Honors College or permission of the director
- *May be repeated for credit when topic varies.*

Study of philosophical, religious, and ethical traditions that have shaped societies in the past and the present. (FALL OR SPRING)

227 Seminar in Literature (3:3)
GE Core: GLT GE Marker: GL
Pr. admission to the Lloyd International Honors College or permission of the director
- *May be repeated for credit when topic varies.*

Study of works of literature and the social and historical contexts from which they come. (FALL OR SPRING)

228 Seminar in Social and Behavioral Studies (3:3)
GE Core: GSB GE Marker: GL
Pr. admission to the Lloyd International Honors College or permission of the director
- *May be repeated for credit when topic varies.*

Study of the interrelationship between individuals and society and of the social and intellectual contexts of events and situations. (FALL OR SPRING)

ELECTIVE Courses

220 Student Seminar (2:2)
Pr. admission to the Lloyd International Honors College or permission of the director

Students (usually eight to ten) agree on a general topic for a semester's study. Each participant defines a special interest to be explored individually as a contributing member of the group. A faculty member directs the group's discussions. (FALL & SPRING)

299 Honors International Experience (0)
Pr. admission to the Lloyd International Honors College and previously undertaken approved Honors International Experience
- *Grade: Pass/Not Pass (P/NP)*

Students report on their Honors International Experience to students in HSS 198 or 199 through a combination of oral reports and written materials. (FALL & SPRING)

300 Interdisciplinary Honors Seminar (3:3)
Pr. admission to the Lloyd International Honors College or permission of the director
- *May be repeated for credit as topic changes.*

Interdisciplinary seminar focusing on a particular theme or topic and taught by two faculty members from different disciplines or schools. Topic varies each semester. (FALL & SPRING)

310 Honors Abroad (3)
Pr. admission to the Lloyd International Honors College or permission of the director
- *May be repeated for credit when topic varies.*
- *Special requirements: travel to the host country*

Exploration of the culture of another country, done on site in the country and under the guidance of a UNCG faculty member (usually through UNCG's Student Exchange Program). (FALL & SPRING & SUMMER)

350 Washington Experience (3:3)
Coreq. participation in UNC in Washington Program; HSS 330 independent study or equivalent 3 s.h. independent study or distance course in any department; and HSS 499 internship or equivalent 6 s.h. internship in any department

Exploration through site visits and seminars of the role of a national capital in the determination of public policy and national culture in diverse democracies using Washington, DC, as text. (FALL & SPRING & SUMMER)

400, 401 Senior Honors Seminar (3), (3)
Pr. admission to the Lloyd International Honors College or permission of the director

Provides qualified students with the opportunity to study special topics in an advanced seminar setting with the rigorous and intense discipline implied at the senior level. (FALL & SPRING)

DIRECTED STUDY Courses

320 Honors Tutorial (1–3)
Pr. admission to the Lloyd International Honors College or permission of the director
- *May be repeated once for credit if the topic of study changes.*

Students (usually 4 or 5) meet with a faculty member to explore an agreed upon set of topics. The faculty member will guide the discussion. (FALL OR SPRING)

330 Honors Independent Study (1–3)
Pr. admission to the Lloyd International Honors College or permission of the director
- *May be repeated once for credit if the topic of study changes.*

Student consults with a supervising faculty member to develop a program of concentrated study and investigation within a particular discipline. (FALL & SPRING)

490 Senior Honors Project (3)
Pr. senior status and admission to the Lloyd International Honors College or permission of the director

Independent original scholarship, completed under the supervision of a faculty member. Work culminates in an original essay, annotated creative work or performance, scientific report, or other special project. (FALL & SPRING)

499 Washington Internship (6:0:25–32)
Coreq. participation in UNC in Washington Program; HSS 330 independent study or equivalent 3 s.h. independent study in any department; and HSS 350, Washington Experience.

Field learning experience in governmental or private organizations in Washington, DC, supervised by UNC in Washington Program director. Students will generate products such as briefings, research memoranda, and policy analyses. (FALL & SPRING & SUMMER)

DEPARTMENTAL Courses

Many departments offer Honors sections of regularly-scheduled courses (listed under H Honors in the Course Category section of the Online Course Search). In addition, most departments offer advanced independent study Honors work in their major through XXX 493:

XXX 493 Honors Work (3–6)
Pr. 3.30 GPA in the major, 12 s.h. in the major.
- *May be repeated for credit if the topic of study changes.*

(See individual Departmental listings; note that the course number for Theatre Honors Work is THR 483.) Disciplinary Honors work providing students with advanced study of the primary subject matter in their area of specialization.

Hospitality and Tourism Management

(see Recreation, Tourism, and Hospitality Management)

Department of Human Development and Family Studies

School of Human Environmental Sciences

248 Stone Building
336/334-5307
www.uncg.edu/hdf

FACULTY

David H. Demo, Professor and Chair of Department
Professors Buehler, Cassidy, Lange, O'Brien, Tudge
Associate Professors Fletcher, Helms, Hestenes, Hunter, Morgan
Assistant Professors LaParo, Leerkes, Scott-Little, Shreeniwas, Supple
Emeritus Faculty Canaday, Clawson, Kivett, Shoffner, White, Watson
Lecturers Bulls, Cranor, Mims

The Department of Human Development and Family Studies offers an undergraduate program leading to the Bachelor of Science Degree in Human Development and Family Studies. The programs include the study of the development of individuals and families throughout the life span, seeking to improve their well-being through the creation, use, and dissemination of knowledge. Programs of study in the department are multidisciplinary, requiring a synthesis of knowledge from the social and behavioral sciences, and from the field of education. The goal of the Human Development and Family Studies Department is to provide the best opportunity in North Carolina for undergraduates to prepare for careers in child, adolescent, adult, and family care services; in business and community consumer services for families; teaching at the preschool level; and in cooperative extension and state agencies.

The Human Development and Family Studies major offers students the choice of four concentrations. The Early Care and Education concentration prepares students for careers in child care centers and agencies, private kindergartens, and hospitals. Teacher licensure in Birth through Kindergarten education is available as a concentration. The Child and Adolescent Development in the Family concentration prepares students for careers in community agencies that serve children, adolescents, and their families. The Family Studies concentration prepares students for family related careers in business, industry, and governmental and community service agencies.

The internship program within the Department provides students with opportunities for professional experiences in the career field of their choice. The Department also administers the Child Care Education Program at three sites with an enrollment of 80 children in all-day care. All serve as laboratories for the study of children and their families. The Family Research Center conducts research and policy studies that are aimed at improving life for children and families.

Admission to the Human Development and Family Studies Major

Any student may declare Human Development and Family Studies as a major upon entering the university. Students must meet the department requirements of the current catalog at the time they declare Human Development and Family Studies as their major.

Declaring Human Development and Family Studies as a major does not assure admission to the program. A student must be formally admitted to the Department of Human Development and Family Studies to register for advanced courses and complete work for the degree.

Criteria for Admission

1. Completion of the following group of foundation courses with a C or better: HDF 211, 212, and 302 or 303 or 304
2. 51 s.h. with a minimum overall GPA of 2.50
3. Transfer students with 60 s.h. may apply for admission after completing 12 s.h. at UNCG.

Students will not be permitted to take upper division courses in the department (HDF 350, 360, 421, 425, 428, 435, 441, 445, 450, 452, 460, 462, 477, 482, 499) unless they have been formally admitted by the department (or in the case of non-majors, have the permission of the instructor).

Admission forms are available in the department office in Stone Building. Admission should normally be sought during the second semester of the sophomore year.

Human Development and Family Studies Major (HDFS)

Degree: Bachelor of Science

Required: 122 semester hours, to include at least 36 hours at or above the 300 course level

Available Concentrations & AOS Codes:

Birth through Kindergarten Teacher Licensure, U526
Child and Adolescent Development in the Family, U508
Early Care and Education, U531
Family Studies, U530

Birth through Kindergarten (B–K) Teacher Licensure Concentration

REQUIREMENTS

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
One additional GLT, GFA, or GPR course	3
Historical Perspectives on Western Culture (GHP)	3

Reasoning and Discourse (GRD) 6
ENG 101 or FMS 115 or RCO 101, and one additional GRD course

Department specifies courses for:

Mathematics (GMT) 3
required: MAT 112

Natural Sciences (GNS) 7
required: BIO 105 and 105L or BIO 111, or CHE 101 and 110 and GEO 103 or 311

Social and Behavioral Sciences (GSB) 6
required: HDF 211 and 212

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers, at least one of which must carry the GN marker

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major**. All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major**. All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III Major and Related Area Requirements

1. HDF Major Requirements
   HDF 211*, 212*, 250, 302, 350, 360, 409 or 410, 452, 455
2. Related Area Requirements
   BIO 105* and 105L* or BIO 111*, or CHE 101* and 110*; GEO 103* or 311*; MAT 112*; NTR 213; PSY 121; SES 240, 460; SWK 584
3. Integrated Methods Courses
   HDF/SES 425, 435, 441
4. Teacher Education Requirements
   - ELC 381; ESS 342; HDF 460 (12 s.h.); LIS 120; NUR 345; SES 242; CUI 516
   - One course to be selected from the following: MUS 335, SES 135

**MAT 112 satisfies GMT; BIO 105 and 105L or BIO 111 or CHE 101 and 110, and GEO 103 or 311 satisfy GNS; HDF 211 and 212 satisfy GSB*

NOTE: To be admitted to Teacher Education, students must achieve a 2.70 overall GPA and a passing score on Praxis. Students are also required to be certified in First Aid and CPR prior to student teaching.

Child and Adolescent Development in the Family Concentration

REQUIREMENTS

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category **S.H.**

Students may select courses for:

Literature (GLT) 3
Fine Arts (GFA) 3
Philosophical, Religious, Ethical Principles (GPR) 3
One additional GLT, GFA, or GPR course 3
Historical Perspectives on Western Culture (GHP) 3
Reasoning and Discourse (GRD) 6
ENG 101 or FMS 115 or RCO 101, and one additional GRD course

Department specifies courses for:

Mathematics (GMT) 3
required: STA 108

Natural Sciences (GNS) 7
required: BIO 105 and 105L, and NTR 213

Social and Behavioral Sciences (GSB) 6
required: HDF 211 and 212

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers, at least one of which must carry the GN marker

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major**. All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major**. All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III Major and Related Area Requirements

1. Foundation Courses: HDF 211*, 212*, 302, 303, 409, 410, 421, 455
2. Skills and Professional Courses (12 s.h.): HDF 475, 477, and 6 s.h. of 499
3. Related Area Requirements:
   - BIO 105* and 105L*; NTR 213*; PSY 121; SOC 101; STA 108*
   - Choose two (2) courses from: HDF 452; PSY 240, 265, 341, 346; SES 240, 242

- Choose three (3) courses from: HEA 207; HIS 304; INS 233A, 233B, 333, 400A, 400B; PSC 290; SOC 202, 346, 371; WGS 333; and 6 s.h. of Study Abroad credit.
- Choose three (3) courses from: HDF 401, 407, 445, 465; CED 310; CST 207; ENG 327; Foreign Language 3 or 6 s.h.; HEA 260, 318, 361, 369; SES 135; SOC 222, 250, 362, 420, 425; SWK 584

**STA 108 satisfies GMT; BIO 105 and 105L and NTR 213 satisfy GNS; HDF 211 and 212 satisfy GSB.*

Early Care and Education Concentration

REQUIREMENTS

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
One additional GLT, GFA, or GPR course	3
Historical Perspectives on Western Culture (GHP)	3
Mathematics (GMT)	3
Reasoning and Discourse (GRD)	6
ENG 101 or FMS 115 or RCO 101, and one additional GRD course	
Department specifies courses for:	
Natural Sciences (GNS)	7
required: BIO 105 and 105L or BIO 111, and NTR 213	
Social and Behavioral Sciences (GSB)	6
required: HDF 211 and 212	

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers, at least one of which must carry the GN marker

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major.** All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major.** All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III Major and Related Area Requirements

1. Foundation Courses: HDF 211*, 212*, 250, 302, 409 or 410
2. Skills and Professional Courses:
   HDF 421, HDF/SES 425, HDF/SES 435, HDF/SES 441, HDF 450 (6 s.h.), 452, 455, 482
3. Related Area Requirements:
   - BIO 105* and 105L*, or BIO 111*; CUI 516; NUR 345; MUS 335; NTR 213*; PSY 121; SES 240, 242, 460
   - Two (2) courses from HDF 410; HEA 207; HIS 304; INS 233A, 233B, 333, 400A, 400B; PSC 290; SOC 202, 346, 371; WGS 333, and 6 s.h. of Study Abroad credit.

**BIO 105 and 105L or BIO 111, and NTR 213 satisfy GNS; HDF 211 and 212 satisfy GSB.*

Family Studies Concentration

REQUIREMENTS

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
One additional GLT, GFA, or GPR course	3
Historical Perspectives on Western Culture (GHP)	3
Reasoning and Discourse (GRD)	6
ENG 101 or FMS 115 or RCO 101, and CST 105	
Department specifies courses for:	
Mathematics (GMT)	3
required: STA 108	
Natural Sciences (GNS)	7
required: NTR 213 and one GNS lab course with a different departmental prefix	
Social and Behavioral Sciences (GSB)	6
required: HDF 211 and 212	

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers, at least one of which must carry the GN marker

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major.** All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major.** All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III Major and Related Area Requirements

1. Foundation Courses: HDF 211*, 212*, 302 and 303, 304, 407, 409, 410, 421, 428, 445, 465
2. Skills and Professional Courses (12 s.h.): HDF 475, 477, and 6 s.h. of 499

3. Related Area Requirements:
   - NTR 213*; PSY 121; SOC 101; STA 108*
   - Choose three (3) courses from: HEA 207; HIS 304; INS 233A, 233B, 333, 400A, 400B; PSC 290; SOC 202, 346, 371; WGS 333; Study Abroad for 3 or 6 s.h.
   - Choose two (2) courses from: AFS 201, 210; CED 310; CST 207; ENG 327; Foreign Language for 3 or 6 s.h.; GRO 501; HDF 401; HEA 260, 318, 333 or NUR 330, 347, 369; HIS 325, 359; NUR 561; PSY 265, 341, 346; RPM 314; SOC 229, 230, 354, 420; SWK 570, 584, 585; WGS 250, 350

**HDF 211 and 212 satisfy GSB; NTR 213 satisfies 3 semester hours of GNS; STA 108 satisfies GMT.*

IV. Electives

Electives sufficient to complete total semester hours required for degree. No more than one third may be human environmental sciences courses.

Human Development and Family Studies as a Second Academic Concentration for Special Education Majors

Required: 24 semester hours

1. Required core courses: HDF 211, 212, 302, 303
2. HDF 409 or 410
3. HDF 421
4. Two (2) of the following additional courses: HDF 304, 428, 445, 455, 502

Human Development and Family Studies Minor

Required: minimum of 18 semester hours

AOS Code: U514

Completion of 18 semester hours in HDF courses with a C or better: HDF 211, 212; 6 hours from 302, 303, and 304; 6 hours from 409, 410, 421, 465, 475

HUMAN DEVELOPMENT AND FAMILY STUDIES COURSES (HDF)

GE Core denotes General Education Core credit; GE Marker denotes General Education Marker credit; CAR denotes College Additional Requirement credit.

Courses for Undergraduates

211 Life Span Development in the Human Environment (3:3)

GE Core: GSB

Development of human beings prenatally through death. Emphasis on environmental interactions across the life span. This is a foundation course for Human Development majors.

212 Families and Close Relationships (3:3)

GE Core: GSB

Intrapersonal and interpersonal processes in the development and maintenance of families and close relationships over time.

250 Introduction to Birth through Kindergarten Education: Teaching in Early Care and Education Programs (3:2:3)

Introduction to Birth through Kindergarten care and education programs and careers. Overview of program types and observations in several settings, including schools, preschools, and child-care facilities.

302 Infant and Child Development in the Family (3:3)

GE Core: GSB

- *HDFS majors may not receive credit for both HDF 302 and PSY 250.*

Examination of contemporary theories, methods and research findings in the study of development from conception through middle childhood. The role of the family, peers, and school will be emphasized.

303 Adolescent Development in the Family (3:3)

GE Core: GSB

Examination of theories, methods, and research findings in the study of development from pre-adolescence through post-adolescence. Ecological perspectives associated with the role of family, peer group, and school on individual development.

304 Adult Development in the Family (3:3)

Examination of growth and development from early to late adulthood in the context of family life. Emphasis on the major stages of adulthood as they relate to family functioning.

350 Birth through Kindergarten Education: Professional Seminar I (2:2)

Pr. 250

Coreq. 425

Professional seminar to examine issues involving professional standards of conduct and presentation. Review of self-assessment and accountability standards related to videotaped observations and teaching portfolios.

360 Birth through Kindergarten Education: Professional Seminar II (1:1)

Pr. 250, 350

Coreq. 435

Professional seminar to examine issues involving professional presentation of self during student teaching semester, interview and application process, and first year of teaching. Covers required health, safety, and liability training.

401 Special Problems in Human Development and Family Studies (1–6)

Pr. permission of instructor

- *May be repeated for credit when topics vary.*

Individual study. Conference hours to be arranged.

407 Current Issues Affecting Women and Families (3:3)

Contemporary and changing issues affecting individuals and families and their environment. Multidisciplinary approach to decision making and problem-solving.

409 Family Diversity (3:2:3)

Pr. 211, 212, and 302 or 303 or 304

Study of the variation within and between families through an exploration of the similarities and differences according to culture, race, class, gender, family structure, and sexual orientation.

410 Families and Children in Global Perspectives (3:3)

GE Marker: GL

Pr. 211, 212, 302 or 303 or 304, or permission of instructor

A study of Asian, African, Latin American, and Eastern European families and children, focusing on family structure, gender roles, and socialization practices within their socioeconomic, historical, and cultural context.

416 Experimental Course: Language and Literacy Development in Preschool Classrooms (3:3)

Pr. permission of instructor

Explores six key areas of language and literacy development in early education settings. The implementation of curricula and activities through high quality interactions emphasized. (Offered spring '07)

421 Theories and Principles of Parenting (3:3)

Pr. 409 or 410; formal admission to Human Development major or permission of instructor required.

Overview of parent education with special emphasis on parent-child relationships; problems and procedures of teachers working with children and/or families; problem areas and implications of research with parents and their children.

422 Interrelationships between Families and the Community (3:3)

Pr. 211, 212, 302 or 303

Multifaceted interrelationships between families and the community. Implementation of public policy. Observation and participation in community agencies serving families.

425 Infant and Toddler Programs: Foundations and Methods (4:3:3)

Pr. HDF 250, SES 242; 2.50 GPA; formal admission to Human Development major required.

Coreq. 350 for B–K Licensure majors

Theories, principles, methods and issues related in infant and toddler programs. An emphasis on integrating knowledge with skills to design, implement, and evaluate programs. Laboratory experience required. (Same as SES 425)

428 Families in Middle and Later Years (3:3)

Pr. 475; formal admission to Human Development major or permission of instructor required.

Socio-economic and cultural issues relating to families in middle and later years, emphasizing change and continuity in family relationships over the life course.

435 Preschool/Kindergarten Curriculum (4:3:3)

Pr. HDF/SES 425, SES 242; 2.50 GPA; formal admission to Human Development major required.

Coreq. 360 for B–K Licensure majors

Provides information on principles and components of preschool/kindergarten curricula, and strategies of learning for young children. Emphasis includes young children with and without disabilities. Laboratory experience required. (Same as SES 435)

441 Young Children's Learning Environments (4:3:3)

Pr. SES 242; 2.50 GPA; formal admission to Human Development major required.

Principles and methods of working with typical and atypical young children. Emphasis on identifying and evaluating strategies for enhancing children's development within a program setting. Laboratory experience required. (Same as SES 441)

445 Current Family Theory and Research (3:3)

Pr. 475; formal admission to Human Development major or permission of instructor required.

Seminar designed to examine current issues in family studies. Emphasis placed on theories and current research literature. Writing and editing are emphasized.

450 Professional Experience in Early Childhood (3:1:9) or (6:2:18)

Pr. a C or better in HDF/SES 425, 435, 441; 2.50 GPA; HDF 250, CUI 516; formal admission to Human Development major and permission of instructor required.

- *May be repeated for up to six (6) semester hours.*

Supervised professional experience for students working with children in early childhood settings.

452 Child Observation and Assessment (3:3)

Pr. formal admission to Human Development major or permission of instructor required.

Theoretical, practical, ethical issues in the observation and assessment of children. Laboratory assignments cover direct observation, questionnaires and standardized testing. Applications for research, education, diagnosis, program evaluation will be discussed.

455 Current Developmental Theory and Research (3:3)

Pr. formal admission to Human Development major or permission of instructor required.

Seminar designed to examine current issues in development. Emphasis placed on current research literature, theories, and applications across the life span. Writing and editing are emphasized.

457 Informational Processes in Human Environmental Sciences (3:3)

Pr. formal admission to Human Development major or permission of instructor required; computer literacy required.

Application of communication skills, demonstration techniques, and design principles in presenting information related to human environmental sciences. Use of computers to facilitate presentation of information.

460 Supervised Student Teaching and Seminar (6:2:32 or 12:2:32)

Pr. a C or better in HDF/SES 425, 435, 441; 2.70 GPA; formal admission to Human Development major and permission of instructor required; must be admitted to the Teachers Academy.

Supervised student teaching in a preschool setting under direction of a cooperating teacher with university supervision. Full-time teaching assignment in a preschool setting for a full semester with weekly seminars.

462 Family Gerontology (3:2:3)

Pr. 475; formal admission to Human Development major or permission of instructor required.

Study of the older family members and their relationships with other family members in regard to their physical, social, and environmental situations, life adjustment, and sources of assistance. Observation and participation included.

465 Work and Family Linkages (3:3)

Pr. 475, or concurrently; formal admission to Human Development major or permission of instructor required.

Theory and research on role of work in family relationships and adult development including examination of links between parents' work and family relationships; implications of workplace policy for family members' development.

475 Research Methods in Human Development and Family Studies (3:3)

Pr. STA 108 (may be taken concurrently); formal admission to Human Development major or permission of instructor required.

An introductory examination of human development and family research methods designed to provide an understanding of scientific inquiry, methodology, measurement, test construction, scaling, and statistical terms and techniques.

477 Professional Development in HDFS (3:3)
Pr. formal admission to Human Development major or permission of instructor required.

Development of professional skills and exploration of careers related to individuals and families.

482 Administration of Dependent Care Programs (3:3)
Pr. formal admission to Human Development major or permission of instructor required.

Major areas of planning and administering dependent care programs, including programming, scheduling, reporting, financing, housing, equipping, staffing, and working with families.

491 Family-Centered Interdisciplinary Practice: System of Care (3:3)
Pr. permission of instructor

System of care core values/principles infuse service planning/delivery. Students develop competencies in family-centerdness, client partnerships; community services; cultural competency; interagency collaboration. Placement with families included. (SPRING) (Same as HEA 491, RPM 491, SWK 491)

493 Honors Work (3–6)
Pr. permission of instructor; 3.30 GPA in the major, 12 s.h. in the major
- *May be repeated for credit if the topic of study changes.*

499 Supervised Professional Experience (1–6:0:3–12)
Pr. 477; 2.50 GPA; formal admission to Human Development major and permission of instructor required.
- *May be repeated for up to six (6) semester hours.*

Supervised professional experience in selected commercial or industrial organizations, public or private agencies.

Courses for Advanced Undergraduates & Graduate Students

502 Gender in Families (3:3)
Pr. 211, 212, 410 or permission of instructor

Influence of social, philosophical, political, and technological change on gender relationships in families in the past, present and future.

527 Problems in Human Development and Family Studies (2–6)
Pr. 211, 212

In-depth study of new areas in child and family studies such as: children and technology; multi-cultural families; developmental consequences of child maltreatment.

Please refer to The Graduate School Bulletin *for additional graduate-level courses.*

Bachelor of Arts in Liberal Studies Program

Humanities Concentration

College of Arts and Sciences

100 Foust Building
336/334-4977
www.uncg.edu/aas/bls

COMMITTEE MEMBERS
Robert C. Hansen, Director, Bachelor of Arts in Liberal Studies Program
Kathleen E. Forbes, Division of Continual Learning
Andreas Lixl, Department of German and Russian
Wade Maki, Department of Philosophy
Jay Parr, College of Arts and Sciences
Hephzibah Roskelly, Department of English
Stephen Ruzicka, Department of History

Rationale and Program Objectives

The Bachelor of Arts in Liberal Studies, Humanities Concentration, is an online degree completion program for adult students who have earned a minimum of 60 hours of transferable credit at other institutions. The program is designed to provide students with an opportunity to earn their baccalaureate degree in an e-learning environment by gaining a thorough understanding of the humanities, the interconnections among them, and their relevance to individuals and to modern society. The humanities are broadly defined to include those disciplines that study people—their ideas, their history, their literature, their artifacts, and their values. The program will investigate individual people in their solitude, life together in societies, and models of and for reality that constitute cultures. Individual courses will tackle the Big Questions that have been the traditional province of the humanities such as "What makes a life worth living?" The program is designed to enhance the student's ability to:

- Think critically and analytically
- Communicate clearly and effectively
- Understand and explain interconnections among the Humanities disciplines
- Appreciate the wide range of human experience
- Achieve increased depth of knowledge in one of the four categories of the Humanities: Literature, Fine Arts, Philosophy/Religion/Ethics, Historical Perspectives.

Special Programs in Liberal Studies Major—Humanities Concentration (SPLS)

Degree: Bachelor of Arts

Required: 122 semester hours, to include at least 36 hours at or above the 300 course level.

AOS Code: U820

REQUIREMENTS

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles	3
Historical Perspectives on Western Culture (GHP)	3
Mathematics (GMT)	3
Natural Sciences (GNS)	6–7
one must be a laboratory course; each must have a different departmental prefix	
Reasoning and Discourse (GRD)	6
ENG 101 or FMS 115 or RCO 101, and one additional GRD course	
Social and Behavioral Sciences (GSB)	6

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Core Category	S.H.
Students may select courses for:	
Global/Global Non-Western Perspectives (GL/GN)	
two (2) courses carrying GL/GN markers, at least one of which must carry the GN marker	
One Speaking Intensive (SI) Course	
One Writing Intensive (WI) Course	
In addition to this WI Marker requirement, **students must also complete a second WI course within the major**. All programs have identified at least one course among their major requirements that is taught as Writing Intensive.	

III College of Arts and Sciences Additional Requirements

See pp. 89–91 for requirements and approved courses.

Historical Perspectives on Western Culture	3
one GPM (Premodern) or GMO (Modern) course, depending on category used to satisfy GHP requirement	
Humanities and Fine Arts	3
one additional Literature (GLT) course	
Natural Sciences	3–4
one additional GNS/GLS or GPS course	
Social and Behavioral Sciences (GSB)	3
one additional GSB course	
Foreign Language (GFL)	0–12
intermediate-level proficiency in one language, demonstrated by placement test, or completion of course work through course number 204	
Writing Intensive Courses (WI)	
a total of two WI courses, one from the major.	

IV Major Requirements

Minimum of 30 semester hours above the 100 level including the following:

A. Core Course (6 s.h.)
   BLS 300 Seminar in the Humanities
   Must be taken twice as topics vary.

B. Distribution Requirement (12 s.h.)
   BLS 320 Selected Topics: Literature
   BLS 340 Selected Topics: Fine Arts
   BLS 360 Selected Topics: Philosophy/Religion/Ethics
   BLS 380 Selected Topics: Historical Perspectives

C. Area of Emphasis (9 s.h.)
   Students are required to take three additional courses in one of the topic areas listed above in item B. Distribution Requirement (Literature or Fine Arts or Philosophy/ Religion/Ethics or Historical Perspectives).

D. Capstone Seminar (3 s.h.)
   BLS 400 Senior Seminar

V Electives

Electives sufficient to complete the 122 semester hours required for the degree.

HUMANITIES COURSES (BLS)

Courses for Undergraduates

300 Seminar in Humanities (3:3)
Pr. admission to the major
- *May be repeated for credit when topics vary.*

Interdisciplinary online seminar designed to introduce students to substantive concerns in the Humanities and methods of investigation they employ. Topics vary by semester. (FALL & SPRING & SUMMER)

320 Selected Topics: Literature (3:3)
Pr. junior standing (60 s.h.) or permission of instructor
- *May be repeated for credit when topics vary.*

Online course that examines selected topics in world literature exploring works of prose and/or poetry from diverse cultural traditions and periods. Topics vary by semester. (FALL & SPRING & SUMMER)

340 Selected Topics: Fine Arts (3:3)
Pr. junior standing (60 s.h.) or permission of instructor
- *May be repeated for credit when topics vary.*

Online course that examines selected topics in the fine arts exploring the aims and methods of artistic expression and the role of cultural traditions and artistic values in human society. (FALL & SPRING & SUMMER)

360 Selected Topics: Philosophy/Religion/Ethics (3:3)
Pr. junior standing (60 s.h.) or permission of instructor
- *May be repeated for credit when topics vary.*

Online course that examines selected topics in philosophy, religion, and ethics; compares assumptions, modes of thought, and attendant practices, and analyzes their effects on behavior and human society. (FALL & SPRING & SUMMER)

380 Selected Topics: Historical Perspectives (3:3)
Pr. junior standing (60 s.h.) or permission of instructor
• *May be repeated for credit when topics vary.*

Online course that examines selected topics in history and explores the context of events (social structure, economics, political systems, culture, or beliefs) in a specific region and period. (FALL & SPRING & SUMMER)

400 Senior Seminar in the Humanities (3:3)
Pr. admission to major

Online, capstone experience for majors. Students compile Web portfolio of work from classes in the major. Course serves as a method of assessment for majors. (FALL & SPRING & SUMMER)

401 Individual Study (1–3)
Pr. admission to major, successful completion of one semester of course work at UNCG, and permission of an approved, cooperating instructor

Directed program of reading and/or research in the Humanities. Available to majors upon recommendation of an instructor and approval of the program directors. (FALL & SPRING & SUMMER)

Department of Information Systems and Operations Management

Bryan School of Business & Economics
479 Bryan Building
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www.uncg.edu/bae/isom

FACULTY

Kwasi Amoako-Gyampah, Professor and Head of Department
Professors Ehrhardt, Gargeya, Hershey, Palvia, Weeks (Dean of the Bryan School)
Associate Professors , Eatman, Iyer, King, Nemati, Salam, Taube
Assistant Professors R. Singh, VanDyke
Lecturers Knapp, Lockley

Mission Statement

Our mission is to integrate quality instruction in information systems and operations management with relevant research and professional services. This integration will help students develop an appropriate background and critical skills needed to function effectively in a global, technology-driven environment. We strive to fulfill this mission as an integral part of the Bryan School of Business and Economics and in support of its mission and purposes. Our chief goal is to provide top-tier information systems and operations management programs in North Carolina as assessed by employers of our graduates.

Programs offered by the department include study of information technology and supply chain analysis applied to business operations and management decision making. Career opportunities are excellent for quality graduates of either of the concentrations. All students in departmental programs gain extensive experience using networked computer systems and contemporary applications software.

The department assists professional student development, and assists students with career planning. Students with appropriate academic records are encouraged to seek an internship as juniors or seniors.

Admission and Repeat Policies

Admission to the ISOM Department requires a minimum cumulative GPA of 2.0.

Requirements in future years may be higher depending upon departmental capacity and student demand. If enrollments threaten program quality, students' registration in upper level courses will be based upon their cumulative GPAs. Information about current ISM admission requirements and policies is available in Rooms 479 and 232 in the Bryan Building.

Information Systems and Operations Management Major (ISOM)

Degree: Bachelor of Science

Required: 122 semester hours, to include at least 36 hours at or above the 300 course level

Available Concentrations & AOS Codes:
Information Systems, U313
Supply Chain Management, U339

GENERAL PROGRAM REQUIREMENTS

1. Formal admission to the Department of Information Systems and Operations Management, including the following:
   a. Successful completion of all major and related area requirements listed below
   b. Grade of C or higher in ISM 110
   c. A cumulative GPA of at least 2.0
2. For IS concentration: grades of C or better in ISM 210, 240, 280, 301, 310 and 318
   For SCM concentration: grade of C or better in ISM 210, 240, 280, 301, 318, and C or better in SCM 302, 306, and 402
3. 122 s.h.
4. At least 50 percent of the business semester hours required for the degree must be earned at UNCG

**MAT 100 and MAT 115 may be needed as prerequisites for MAT 120 depending upon math placement test score or completion of previous college math.*

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
Historical Perspectives on Western Culture (GHP)	3
Natural Sciences (GNS)	6–7
one must be a laboratory course; each must have a different departmental prefix	
Department specifies courses for:	
One additional GLT, GFA, or GPR course	3
Required: Foreign language XXX 203B (e.g., SPA 203B) or equivalent	

Mathematics (GMT) 3
MAT 120 or 191

Reasoning and Discourse (GRD) 6
ENG 101 or FMS 115 or RCO 101, and ENG 102

Social and Behavioral Sciences (GSB) 6
ECO 201 and 202

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
Four (4) courses carrying GL/GN markers: 3–6 s.h. (1–2 courses) of the same foreign language depending upon placement; 2–3 additional GL/GN courses, one of which must carry the GN marker

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major**. All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major**. All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III Major and Related Area Requirements

For Both Concentrations

1. ISM 110, 210, 280, 318, and SCM 302
2. Related areas: ACC 201, 202; BUS 105A**; CST 105*; ECO 201*, 202*, 250, 300*; ENG 101*, 102*; FIN 315; MAT 120* or 191*; MGT 301*, 309*, 312, 330, 491; MKT 320
3. Nine (9) s.h. of a foreign language*; see chapter 6 for requirement details.

**MAT 120 or 191 fulfills GEC MT; ENG 101, and ENG 102 or CST 105 fulfill GEC RD; ECO 201 and 202 fulfill GEC SB; ECO 300, MGT 301, and foreign language fulfill 9–12 semester hours of GL/GN requirement; MGT 309 fulfills major WI and SI requirements; CST 105 fulfills SI requirement outside major.*

***BUS 105A is for students entering UNCG as freshmen and must be taken during the first two semesters of enrollment.*

Information Systems Concentration

1. Required: ISM 240, 301, 310, 321, 452
2. Six (6) s.h. of electives from: ISM 324, 325, 411, 412, and SCM 304, 306, and 402

Supply Chain Management Concentration

1. Required: SCM 304, 306, 402, 432
2. Three (3) s.h. of electives from: ISM 206, 240, 301, 324, 325, 411, and 412

IV Electives

Electives sufficient to complete 122 total semester hours required for the degree.

Accounting & Information Systems Major (ACIS)

Degree: Bachelor of Science

Required: 126 semester hours, to include at least 36 hours at or above the 300 course level

AOS Code: U302

This major is offered jointly with the Department of Accounting. See complete requirements at the beginning of this chapter.

Honors in Information Systems and Operations Management

For Honors requirements, check with the departmental office and see **Honors Programs** information in this chapter.

Information Technology Minor

Required: minimum of 15 semester hours

AOS Code: U318

The Information Technology minor is available to any UNCG student (other than ISOM majors) who is in good standing in the University. The minor complements a variety of professional and arts and sciences fields. It focuses on various IT tools and applications and the use of these technologies to improve decision-making in a variety of professional environments.

Requirements

1. Admission to the minor. See Undergraduate Student Services, 232 Bryan.
2. To receive credit for the minor, the student must achieve a minimum GPA of 2.0 in all courses taken for the Information Technology minor.
3. ISM 110 or equivalent and ISM 210, three additional courses from ISM 206, 280, 318, 324, and SCM 304, for a total of 15 s.h., nine (9) s.h. of which must be successfully completed at UNCG

INFORMATION SYSTEMS AND OPERATIONS MANAGEMENT COURSES (ISM)

Courses for Undergraduates

110 Business Computing I (3:3)
Pr. 2.0 GPA
- *Open to freshmen and other students seeking an introduction to computer usage.*

Introduction to computer hardware, software and microcomputer applications including electronic mail, word processing, graphics, spreadsheets, and network functions.

206 Web Design and Development (3:3)
Pr. C or better in ISM 110, or permission of instructor; 2.0 GPA

Students learn skills needed to design effective Web pages by studying the best practices in site design and using leading-edge design and development tools and techniques. (FALL OR SPRING)

210 Business Computing II (3:3)
Pr. grade of C or better in 110 or equivalent and a grade of C or better in one of the following: MAT 112, 115, 150, STA 108, or permission of instructor; 2.0 GPA

Advanced techniques in the use of microcomputer applications, including desktop publishing, spreadsheets, database systems, and linkages between applications. Study of how end user applications are managed and contribute to business.

240 Business Programming I (3:3)
Pr. grade of C or better in 110 or equivalent, or permission of instructor; 2.0 GPA

Introduction to the planning and creation of computer programs for solving business-related problems. Emphasis on problem analysis and structured programming techniques. Students utilize a procedural programming language.

280 Business Processes and Information Technology (3:3)
Pr. ISM 110 or equivalent; sophomore standing; 2.0 GPA

The nature of business processes and basic information technology. Examination of the use of information technology to support business processes. Includes a review of the development and management of information technology.

301 Systems and Process Analysis (3:3)
Pr. C or better in ISM 210; admission to department or other approved program; 2.0 GPA

Focuses on systems and process concepts such as automation boundaries, feasibility assessments, performance measures, information modelling, process reengineering, quality, and value added. Course emphasizes analysis methodologies.

310 Business Programming II (3:3)
Pr. C or better in ISM 210 and 240; admission to department or other approved program; 2.0 GPA

Study of advanced procedural software structures such as multidimensional arrays and tables, indexed file processing, and interactive processing. Introduction to object oriented software structure such as class definitions, object instances, and class methods.

318 Database Systems (3:3)
Pr. grade of C or better in ISM 210; 2.0 GPA

Study of database management systems including their design, implementation, query and use. Includes an extensive case study requiring the development of a multiple table database system for organizational needs.

321 Telecommunications Management (3:3)
Pr. C or better in 210; admission to department; 2.0 GPA

Telecommunications technology and the use of that technology in business. Coverage of voice, data, and video communications and LANs and WANs. Emphasis on the delivery and management of telecommunications services.

324 Information Systems Security (3:3)
Pr. grade of C or better in ISM 210 or permission of instructor; 2.0 GPA

Study of technical and business issues in information systems security, systems security models, analysis of process and technology in systems security, and security policies leading to information assurance. (FALL & SPRING & SUMMER)

325 Topics in Applications Development (1–3)
Pr. admission to the department or permission of instructor; 2.0 GPA; different topics have different prerequisites
Pr. C or better in 310 and 318 for ISM 325V
Pr. C or better in 310 for ISM 325Z
- *May be repeated for credit when topic varies.*

Study of specific application development environments and development tools to support business application development.

411 Undergraduate Internship in ISOM (1–3:0:5–15)
Pr. admission to the ISOM Department and approval of instructor
- *May be repeated for credit for a maximum of three (3) semester hours.*
- *Grade: Pass/Not Pass (P/NP).*

This course provides students with the opportunity to apply classroom knowledge and skills to a business situation and develop new work management skills and understandings. (FALL & SPRING & SUMMER)

412 Open Source Software and Applications (3:3)
Pr. 210, 240, or permission of instructor

Study of the Linux operating system, the open source software concept and widely used open source software applications; experience with the installation, administration, and use of open source software. (FALL)

452 Design of Management Information Systems (3:3)
Pr. C or better in 301, 310 and 318, and admission to the department; 2.0 GPA

Development of cost effective computer-based systems to produce information needed for managerial decision making as specified in the information analysis phase.

493 Honors Work (3–6)
Pr. permission of instructor; 3.30 GPA in the major, 12 s.h. in the major
- *May be repeated for credit if the topic of study changes.*

498 Independent Study (1–3)
Pr. permission of instructor, senior standing and approval of written plan of study prior to registration

Individual study of issues or problems in information systems and/or operations management. Student must arrange time and course requirements with instructor prior to registration.

499 Problems in Information Systems and Operations Management (3:3)
Pr. permission of instructor
- *May be repeated for credit with approval of department head.*

Independent study and research with class discussion covering a topic or group of related topics of current interest in information systems and/or operations management.

Courses for Advanced Undergraduates & Graduate Students

512 Open Source Software and Applications (3:3)
Pr. ISM 210 and 240 or equivalents, or permission of instructor

Study of open source systems (OSS), the concept and state of the art OSS applications; experience with the installation, administration, development, and deployment of OSS in organizations.

515 Object-Oriented Programming (3:3)
Pr. ISM 310 or equivalent or permission of instructor

Provides a foundation in Object-Oriented (OO) concepts and programming for students who wish to learn how to develop applications in a contemporary OO programming language.

SUPPLY CHAIN MANAGEMENT COURSES (SCM)

Courses for Undergraduates

302 Operations Management (3:3)
Pr. ECO 250, ISM 280, ACC 202 and either 201 or 218
Survey of the operations functions of organizations with emphasis on design and control decisions. Qualitative and quantitative problem-solving methods used to enhance managerial competence in the operations functions. (Formerly ISM 360)

304 Managing and Organizing Projects (3:3)
Pr. admission to program of study within Bryan School or other professional program approved by the School
An introduction to modern methods for defining, planning, managing, and controlling large projects. Computer software and network modeling are used to support the efficient scheduling of interdependent activities. (SPRING)

306 Business Logistics Management (3:3)
Pr. C or better in ISM 280, and admission to the Department or other approved program
Impact of technology on organizational communications, processes, and performance. Techniques for end user training and for critical evaluation of uses of information technology. (FALL) (Formerly ISM 306)

402 Logistics and Supply Chain Management (3:3)
Pr. C or better in SCM 302 and admission to the Department or other approved program
Roles of distribution and materials management in operations. Topics include inventory and distribution management, purchasing, logistics and supply chain management. Appropriate software used to facilitate decision-making. (FALL) (Formerly ISM 402)

432 Supply Chain Management Project (3:3)
Pr. C or better in ISM 318, SCM 306 and 402, and admission to the Department or other approved program
Semester-long project in Operations and Systems Management. Activities will include project planning, assessment and implementation planning. Development of documentation for management and training materials for end users. (SPRING) (Formerly ISM 432)

Please refer to The Graduate School Bulletin *for additional graduate-level courses.*

Department of Interior Architecture

School of Human Environmental Sciences

102 Gatewood Studio Arts Center
336/334-5320
www.uncg.edu/iarc

FACULTY
Tom Lambeth, Associate Professor and Chair of Department
Professors Leimenstoll, Mason
Associate Professors Marshall-Baker, Sarawgi
Assistant Professors Charest, Lucas
Adjunct Lecturer Cushman

Interior Architecture Major (IARC)

Degree: Bachelor of Science

Required: 142 semester hours, to include at least 36 hours at or above the 300 course level; five (5) years of study

AOS Code: U540

The Interior Architecture program is structured around a continuing sequence of studio courses that help the student develop a deepening mastery of the processes of designing architectural interiors.

The first year presents small-scale problems that take the student through the total design process, from problem identification to graphic communication of the solution. Methods of making and craft are emphasized.

Second-year design studios focus on the development of scale and proportioning systems within the context of interior spaces. Communication skills are stressed.

Third- and fourth-year studio courses deal with typical interior environments, with emphasis on institutional and commercial interiors, but also including residential design, historic restoration, adaptive reuse, and interior product design. Attention is also directed toward the environmental needs of special populations.

Fifth-year design studios provide opportunities for development of undergraduate thesis projects, which are self-directed and mentored by faculty.

The Interior Architecture Internship provides opportunities for experiential learning in design practice through private design firms, government agencies, or health care facilities.

Accreditation

The Interior Architecture program is accredited by the Council for Interior Design Accreditation (CIDA).

Departmental Admission

Enrollment in the Interior Architecture program is limited. Students are admitted on evidence of scholastic and design potential, motivation, and self-direction. A personal interview or group orientation is required. Students may not enroll in design courses without formal admission to the Interior Architecture program or written permission of the instructor.

Transfer students applying for advanced studio placement must present to the Interior Architecture screening committee portfolio and transcript evidence of relevant achievement through prior course work or experiences. Transfer students seeking entry into the program must have at least an overall 2.50 grade point average in completed course work.

In order to remain in the Interior Architecture major, students must maintain a minimum overall 2.0 grade point average in the University and in interior design studio courses.

REQUIREMENTS

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Philosophical, Religious, Ethical Principles (GPR)	3
One additional GLT, GFA, or GPR course	3
Historical Perspectives on Western Culture (GHP)	3
Mathematics (GMT)	3
Natural Sciences (GNS) one must be a laboratory course; each must have a different departmental prefix	6–7
Reasoning and Discourse (GRD) ENG 101 or FMS 115 or RCO 101, and one additional GRD course	6
Social and Behavioral Sciences (GSB)	6
Department specifies the following:	
Fine Arts (GFA): ART 100 or 101	3

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers, at least one of which must carry the GN marker; IAR 499 satisfies one GL requirement

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major**. All programs have identified at least one course among their major requirements that is taught as Speaking Intensive. IAR 201 satisfies this requirement for IAR majors.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major**. All programs have identified at least one course among their major requirements that is taught as Writing Intensive. IAR 501 satisfies this requirement for IAR majors.

III Major Requirements

1. Studio courses: IAR 101, 102, 201, 202, 301, 302, 411, 412, 501
2. Support courses: IAR 112, 122, 211, 212, 221, 222, 311, 331, 332, 333, 431, 451, 452 or 502
3. Directed Electives: seven (7) s.h. from among the following: IAR 432, 493, 499, 502, 527, 531, 536, 540, 541, 543, 548, 550, 552, 555, 560, 565; ART 150, 220, 221, 226, 228, 241, 252, 281, 285, 340, 341, 344, 347, 348, 442, 446, 529; CRS 211; CST 341; GEO 301, 302, 502; PHI 322, 348, 361; THR 140, 351, 370, 544

IV Related Area Requirements

ART 100* or 101*

**ART 100 or 101 satisfies GFA.*

V Free Electives

Six (6) semester hours of free electives.

Honors in Interior Architecture Requirements

For Honors requirements, consult the departmental office and see **Honors Programs** information in this chapter.

International Study Opportunities

The international context is a vital element of the educational experience for Interior Architecture students. Qualified third-, fourth-, and fifth-year students may take advantage of study abroad opportunities in a variety of locations. The Nordic Design Program sends five students each year to Finland for a semester or year abroad. Individuals can also study abroad in Australia, England, Iceland, Denmark, Italy, South Africa, and others. International travel grants are available for participating students through the University International Programs Center.

INTERIOR ARCHITECTURE COURSES (IAR)
(Courses formerly carried the prefix HID)

Courses for Undergraduates

101, 102 Environmental Design I, II (4:0:8), (4:0:8)
Pr. for 101: admission to the Interior Architecture Program or permission of the instructor; for 102: IAR 101
Coreq. 101 to be taken concurrently with IAR 110; 102 with 112, 122
Studio investigations of space design at small scale while exploring properties of basic materials. Development of conceptual thinking.

110 Design Visualization (3:0:6)
Pr. admission to Interior Architecture major
Coreq. IAR 101
Study and application of basic drawing processes for the purpose of enhancing perceptual awareness and developing visual communication and analysis skills. (FALL)

112 Perception and Communication (2:0:4)
Pr. IAR 110
Coreq. to be taken concurrently with IAR 102 and 122
Studies designed to increase perceptual awareness and communication skills through exercises in various design and communications media and by investigation of pertinent theoretical concepts and established procedures.

122 Design Graphics (2:0:4)
Pr. IAR 110
Coreq. to be taken concurrently with IAR 102 and 112
Study of basic technical drawing processes and development of graphic skills used to produce measured drawings as applied to architectural, interior and furniture design.

201, 202 Basic Environmental Design III, IV (6:3:6), (6:3:6)
Pr. for 201: IAR 102; for 202: IAR 201
Coreq. 201 to be taken concurrently with IAR 211; 202 with IAR 212
Studio investigations of spaces as articulated by the interaction of individual and place. Emphasis placed on cognitive understanding of design process, light and color, construction systems, and ongoing study of materials. IAR 201 taught as Speaking Intensive (SI).

205 The House and Its Furnishings (3:3)
- *Open to non-majors.*

Evaluation of housing alternatives; planning furnishings according to space use, aesthetics, economy, and individuality.

211, 212 Visual Communication I, II (2:0:4), (2:0:4)
Pr. for 211: IAR 112, 122; for 212: IAR 211
Coreq. 211 to be taken concurrently with IAR 201; 212 with IAR 202
Two- and three-dimensional visual studies related to conceptual and definitive aspects of design process. Exercises aimed at developing a mastery of both technical and non-technical methods of visual communication.

221, 222 History and Theory of Design I, II (3:3), (3:3)
GE Core: GFA *GE Marker: GL*
Pr. for 222: IAR 221
Survey of design forms evolved in response to humankind's needs for community, architecture, furnishings, and artifacts, with development from prehistoric to modern eras in cultural, political, and technological contexts.

301 Interior Architecture I (6:3:6)
Pr. IAR 202, 212
Studio investigations of increasingly complex spaces as articulated by the interaction of individual and place. Special emphasis on light, color, materials and structure as aspects of spatial design.

302 Interior Architecture II (6:3:6)
Pr. IAR 301
Design investigations of spaces of increasing scale and complexity articulated by the interaction of individual and place. Special emphasis on social/behavioral aspects of interior architecture and responsibilities of designer to society.

311 Computer-Aided Design for Interior Architecture (3:3:0)
Pr. IAR 212 or permission of instructor
Introduction to computer-aided design technology, historical context, and professional use in interior architecture and design. Use of CAD equipment and production of design drawings.

321 Design Perspectives (3:3)
GE Core: GFA *GE Marker: GL*
Study of design framed by underlying historical and philosophical paradigms. Exploration of architectural landscapes within a societal context, from a modern perspective, and situated on a historical horizon. (FALL)

331 Social and Behavioral Aspects of Interior Architecture (3:3)
Pr. IAR 202 or permission of instructor
Introduction to literature and methods of environmental design research as it applies to interior environments.

332 Materials, Methods, and Technologies of Interior Architecture I (3:3)
Pr. IAR 201
Study of building materials, structural elements, environmental controls, mechanical systems and other components of interior architecture. Emphasis on historical precedents and contemporary applications.

333 Materials, Methods, and Technologies of Interior Architecture II (3:1:4)
Pr. IAR 202, and 332
Study of variables in climate, mechanical, electrical, plumbing, detection, and conveyance systems and their effects upon interior spaces. Lecture and laboratory investigation of design with environmental control components and systems.

355 Housing and Community (3:3)
Introduction to housing as an environment for living. Sociological, psychological, economic, and technological aspects of shelter explored from both historical and contemporary perspectives.

411 Interior Architecture III (6:3:6)
Pr. IAR 302
Studio investigations of multi-function environments incorporating understanding of light, color, materials, structure, and technology. Emphasis on individual competence with respect to design process.

412 Interior Architecture IV (6:3:6)
Pr. IAR 411
Studio explorations encompassing the full range of interior architecture scale and complexity. Emphasis on individual competence with respect to design process.

431 Interior Lighting Design (3:1:4)
Pr. IAR 301 and 333, or permission of instructor
Exploration of light as a design element in interior architecture: uses and control of light, lighting fixtures, and lighting installation for desired effect. Emphasis placed on experimentation with light in relation to other elements.

432 Special Problems in Interior Architecture (1–4)
Pr. permission of instructor with whom student wishes to work
- *May be repeated for credit up to maximum of eight (8) semester hours.*

Independent study of topics of special interest.

451 Professional Practice in Interior Architecture (3:3)
Pr. IAR 202
Investigation of business, legal, ethical aspects of professional practice in interior architecture by students, staff, and guest speakers.

452 Internship in Interior Architecture (4–6)
Pr. third-year standing and permission of instructor
- *May be taken twice for total of 10 s.h. credit.*

Design-relevant internship experiences in off-campus organizations. Approved learning plan required prior to beginning experience.

493 Honors Work (3–6)
Pr. permission of instructor; 3.30 GPA in the major, 12 s.h. in the major
- *May be repeated for credit if the topic of study changes.*

499 International Field Studies in Interior Architecture (4–6)
GE Marker: GL

Investigation of international design contexts to be formulated in collaboration with faculty and undertaken through study abroad programs.

Courses for Advanced Undergraduates & Graduate Students

500 Supervised Professional Experience (1–4:0:3–12)

Supervised professional experience in selected commercial or industrial organizations, public or private agencies, in accordance with the major course of study of the student.

501, 502 Advanced Interior Architecture I, II (6:0:12), (6:0:12)
Pr. for 501: IAR 412 for undergraduates

Advanced design problems having complex functional, social, and economic implications, with emphasis on problem identification, formulation, and design development.

527 Problems in Interior Architecture (2–6)

Individual study.

531 Design Seminar (2:2)
Pr. permission of instructor
- *May be repeated for a total of four (4) semester hours credit.*

Investigation of current research and subjects of topical interest in environmental design.

535 Architectural Lighting Design (2:2)

Study of architectural lighting design: uses and control of light, lighting fixtures, and lighting installation for desired effect.

536 History of Decorative Arts (3:3)

Study of stylistic and cultural developments in the decorative arts with special concentration on America. (Same as HIS 536)

540 Evolution of Furniture (3:3)
Pr. ART 100 or 101, or IAR 222, or permission of instructor

A study of basic furniture forms—chairs, stools, tables, beds, chests—that follows a chronological route from Ancient Egypt to 21st-century Minimalism and examines changes in each historic period. (FALL OR SPRING)

541 Contemporary Trends in Interior Product Design (3:3)
Pr. ART 100 or 101, or IAR 222, or permission of instructor. IAR 540 recommended.

Focusing on furniture, lighting, and textiles, the course studies trade events, showrooms, retailers, designers, and trade and consumer media all as forces shaping 21st-century trends. (FALL)

543 Historic Preservation: Principles and Practice (3:3)
Pr. IAR 222, or permission of instructor

Change in historic preservation theory and practice since the 1800s with emphasis on preservation of built environment, and development of philosophical approach for designers to contemporary preservation projects. (Same as HIS 543)

545 Southern History and Southern Material Culture in a Museum Context (3)
Pr. permission of instructor; students must submit written application
- *May be repeated for credit when topic varies, with permission of instructor.*

Combined southern history and material culture with a museum practicum. Offered each summer at the Museum of Early Southern Decorative Arts in Winston-Salem. Students selected by individual application. (SUMMER) (Same as HIS 545)

547 History Museum Curatorship: Collections Management (3:3)
Pr. admission to a graduate program in history or interior architecture, or permission of instructor

Professional practices in the care and management of historic site and history museum collections, including principles of collection development, object registration, cataloging, and preservation. (ALT SPRING) (Same as HIS 547)

548 Architectural Conservation (3:3)
Pr. IAR 301, 332, or permission of instructor

Overview of contemporary architectural conservation principles, practice and technology. Field exercises, group projects and investigation of an individual research topic expand upon lectures and readings. (Same as HIS 548)

552 History and Theories of Material Culture (3:3)
Pr. admission to a graduate program in history or interior architecture, or permission of instructor

Material culture as it has been defined and interpreted in the past by scholars from the disciplines of History, Anthropology, Geography, Art History, Psychology, Linguistics, and Archaeology. (SPRING) (Same as HIS 552)

555 Field Methods in Preservation Technology (3:1:6)
Pr. admission to a graduate program in history or interior architecture, or permission of instructor

Intensive on-site fieldwork experience addressing issues of architectural conservation and historic building technology. Includes methods, techniques, and theories of preservation technology and accepted conservation practices. (SUMMER) (Same as HIS 555)

560 Advanced Computer-Aided Design and Research Seminar (3:3)
Pr. IAR 202, 212, 222, or graduate standing, or permission of the instructor

With specific attention to how computational tools affect interior architectural design decision-making processes, rigorous examination of their origins, evolution, applications, and significance will be undertaken. (FALL)

565 Materials and Methodologies Seminar (3:3)
Pr. IAR 333, or graduate standing, or permission of instructor

Investigation of materials, methods, and technologies for the design, fabrication, manufacturing, and production of products and components of interior architecture. (ALT FALL)

578 Research Methods in Historical Archaeology (3:3)
Pr. junior, senior or graduate status

Training in research methods in Historic Archaeology. Involves on-site training in field, laboratory and library components of Historic Archaeology. (Same as ATY 578 and HIS 578)

Please refer to The Graduate School Bulletin *for additional graduate-level courses.*

International Business Studies Program

Bryan School of Business & Economics
441 Bryan Building
336/334-3052
www.uncg.edu/bae/ibs

COMMITTEE MEMBERS
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Heidi Fischer, Bryan School of Business and Economics Undergraduate Student Services
C. Edward Arrington, Department of Accounting
William Crowther, Department of Political Science
Thomas Fitzgerald, Department of Anthropology
Nir Kshetri, Department of Business Administration
Paul Muchinsky, Department of Business Administration
Hamid Nemati, Department of Information Systems and Operations Management
Nicholas Williamson, Department of Business Administration

Mission Statement

The mission of the International Business Studies Program Major is to contribute to the strategic focus of the Bryan School by providing students the best possible preparation for careers in a global economy. The program recognizes the importance of language proficiency and the multicultural nature of international business. Those needs are addressed by using an interdisciplinary approach that emphasizes both understanding the business and economic institutions and practices in the global environment and the nature of culture and the role it plays in international business together with language proficiency.

The International Business Studies major is an interdisciplinary program in the Bryan School of Business and Economics administratively located in the Center for Global Business Education and Research. The program is distinctive in the Bryan School by requiring experiences and competence in areas such as language and study abroad that are not required in other business programs. The need to understand other cultures, societies, and economies is met by requiring/recommending more in liberal education and related areas than is required in General Education requirements for other business programs.

The International Business Studies (INTB) major will be administered by the Department of Business Administration effective August 2007. The listing of the requirements of the major in this *Bulletin* will be repositioned to the Department of Business Administration and it will become one of the department's majors beginning in the 2008–09 academic year. Current advising procedures will continue under this new arrangement.

International Business Studies Major (INTB)

Degree: Bachelor of Science

Required: 122 semester hours, to include at least 36 hours at or above the 300 course level

AOS Code: U830

General Program Requirements

1. Formal admission to the International Business Studies Program:
   a. Successful completion of ACC 201 or 218, 202; CST 105; ECO 201, 202, 250; ENG 101 or FMS 115 or RCO 101, and ENG 102; ISM 110, 280; and MAT 120* or 191; and a foreign language at the intermediate level (e.g., FRE 204).
   b. A cumulative GPA of at least 2.50
2. 122 s.h.
3. Maintenance of a 2.50 overall GPA
4. One semester study abroad
5. At least 50 percent of the business semester hours required for the degree must be earned at UNCG

**MAT 100 and MAT 115 may be needed as prerequisites for MAT 120 depending upon math placement test score or completion of previous college math.*

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
Historical Perspectives on Western Culture (GHP)	3
Natural Sciences (GNS)	6–7
one must be a laboratory course; each must have a different departmental prefix	
Department specifies courses for:	
One additional GLT, GFA, or GPR course	3
Mathematics (GMT)	3
MAT 120 or 191	
Reasoning and Discourse (GRD)	6
ENG 101 or FMS 115 or RCO 101, and ENG 102	
Social and Behavioral Sciences (GSB)	6
ECO 201 and 202	

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers: 3–6 s.h. (1–2 courses) of the same foreign language depending upon placement; 2–3 additional GL/GN courses, one of which must carry the GN marker

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major.** All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course

In addition to this WI Marker requirement, **students must also complete a second WI course within the major.** All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III Major and Related Area Requirements

1. Fundamentals of Business (45 s.h.)

   ACC 201 or 218, 202; BUS 105A**; CST 105*; ECO 201*, 202*, 250, 300*; ENG 101*, 102*; FIN 315; ISM 110, 280; MAT 120* or 191*; MGT 301*, 309*, 312, 330, 491; MKT 320; SCM 302

**MAT 120 or 191 fulfills GMT; ENG 101, and ENG 102 or CST 105 fulfill GRD; ECO 201 and 202 fulfill GSB; ECO 300, MGT 301, and foreign language fulfill 9–12 semester hours of GL/GN requirement; MGT 309 fulfills major WI and SI requirements; CST 105 fulfills SI requirement outside major.*

***BUS 105A is for students entering UNCG as freshmen and must be taken during the first two semesters of enrollment.*

2. International Studies (18–24 s.h.)
   - Six (6) s.h. in a foreign language at the intermediate level (203–204 level)
   - Six (6) s.h. in a foreign language beyond the intermediate level in literature, 300-level conversation, or intensive language study in a foreign country

   Non-native speakers of English are exempted from the foreign language requirements and from the six (6) semester hours of literature, conversation or foreign study.
   - Three (3) to nine (9) s.h. in country/regional specific courses taken in a foreign country (e.g., Mexican Culture, Latin American Tradition and Culture, Doing Business in the European Union)
3. Nine (9) to ten s.h. in one of the following categories (9–10 s.h.):

   Marketing: MKT 426, plus two (2) courses from MKT 326, 327, 421, 422, 424, 429, or approved electives

   Economics: ECO 360 or 365, plus any two (2) ECO courses above the 300 level or approved electives

   Finance: FIN 330, 442, and 410 or approved electives

   Accounting: ACC 218 and 318, plus two (2) courses above ACC 318 or approved electives

   Human Resource Management: MGT 313, plus two (2) courses from MGT 314, 315, 317, or 475 or approved electives

   Management: Three (3) courses from MGT 332, 354, 375, or 470 or approved electives

   Supply Chain Management: SCM 306, plus two (2) courses from SCM 402, MGT 302, MKT 403, MKT 426, GEO 202 or approved electives

   Under special circumstances and with the permission of the Committee, some substitutions for required courses may be made. Appropriate internships completed during a semester/year abroad may serve as approved electives.
4. One additional GEC Reasoning & Discourse course (3 s.h.): required: CST 105

IV Electives

Electives sufficient to complete the 122 semester hours required for the degree.

International and Global Studies Program

College of Arts & Sciences

336/334-3657 or 336/334-5557
www.uncg.edu/ins

Roberto Campo, Director, International and Global Studies Program

COMMITTEE MEMBERS
Kathleen Ahern, Department of German & Russian
Susan Andreatta, Department of Anthropology
Jamie Anderson, Department of History
Colleen Kriger, Department of History
Sharon Morrison, Department of Public Health Education
Jerry Pubantz, Department of Political Science
Penelope Pynes, International Programs Center
Stephen Sills, Department of Sociology
Susan Walcott, Department of Geography

Mission Statement

The central mission of the International and Global Studies Program (IGS) is to provide a structured context in which to study international and global topics and problems that link and transcend traditional disciplinary parameters. In the framework of one of three interdisciplinary concentrations, students cultivate a range of skills of particular value in professional and personal endeavors where an understanding of other societies and cultures, global processes, and foreign languages at an advanced (300) level of proficiency is important. IGS students are strongly encouraged to participate in study abroad opportunities as well as to take part in extracurricular activities with an international or global focus as complementary means to enhance their appreciation of other peoples and lands and to enrich their overall undergraduate experience.

Concentrations

Three concentration areas afford intellectual and curricular definition to each student's course of study. Majors, second majors, and minors should select the concentration (and subconcentration in the case of Regional Studies) that best complements their interests.

I. International and Global Affairs and Development (major or minor):

   A study of the political, sociological, economic, environmental, and health-related issues and the interdependence among peoples, governments, and nations of the world.

II. International and Global Arts and Belief Systems (major or minor):

   A study of the arts, literatures, philosophies, and belief systems unique to and interconnecting other nations and peoples of the world.

III. Regional Studies: Study of the languages, peoples, and nations of five specific regions.
   a. Russian Studies (major or minor)
   b. European Studies (second major or minor)
   c. Latin American and Caribbean Studies (major or minor)

d. African Studies (minor)
e. Asian Studies (minor)

In all concentrations, the course of study includes completion of six (6) s.h. of a modern foreign language (Russian in the case of Russian Studies; Spanish, French, or Portuguese in the case of Latin American and Caribbean Studies) at the 300 level or above, the two core seminars (IGS 233 and IGS 400), and 18 s.h. of additional courses selected according to the student's concentration and special interests in consultation with the Director of the Program. Students whose particular interests are not satisfactorily addressed by the areas of concentration listed above may design a coherent plan in a different area in consultation with the Director of the International and Global Studies Program.

Special Programs in Liberal Studies Major—International and Global Studies Concentration (SPLS)

Degree: Bachelor of Arts

Required: 122 semester hours, to include at least 36 hours at or above the 300 course level

Concentrations and AOS Codes:

International and Global Affairs and Development, U821
International and Global Arts and Belief Systems, U822
European Studies, U812
Russian Studies, U802
Latin American and Caribbean Studies, U823
African Studies (minor only), U818
Asian Studies (minor only), U819

REQUIREMENTS

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
Historical Perspectives on Western Culture (GHP)	3
Mathematics (GMT)	3
Natural Sciences (GNS)	6–7
one must be a laboratory course; each must have a different departmental prefix	
Reasoning and Discourse (GRD)	6
ENG 101 or FMS 115 or RCO 101, and one additional GRD course	
Social and Behavioral Sciences (GSB)	6
Department specifies courses for:	
One additional GLT course *(student may select)*	3

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
Required: Four GL/GN courses, to include IGS 233A (GN) or IGS 233B (GL), plus three additional GL/GN courses (one of the four must carry the GN marker)

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major.** All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major.** All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III College of Arts and Sciences Additional Requirements (CAR)

See pp. 89–91 for requirements and approved courses.

Historical Perspectives on Western Culture	3
either a GHP/GPM or GMO course	
Natural Sciences	3–4
one additional GNS/GLS or GPS course	
Social and Behavioral Sciences (GSB)	3
one additional GSB course	
Foreign Language (GFL)	0–12
Intermediate-level proficiency in one language, demonstrated by placement test, or completion of course work through course number 204	

Writing Intensive Courses (WI)
A total of four WI courses

IV Major Requirements

30 semester hours at the 200 level and above. To complete a second major, at least 12 hours must be taken outside the major in which the first major is obtained. No requirements for the major can be met by a grade lower than C-.

A. Foreign Language Requirements (6 s.h.)
A modern foreign language at the 300 level or higher.
Russian in the case of Russian Studies; Spanish, French, or Portuguese in the case of Latin American and Caribbean Studies.

B. Core Courses (6 s.h.)
IGS 233A or 233B; IGS 400

C. Additional courses (18 s.h.): At least nine (9) s.h. must be completed at the 300 level or above.
[For students majoring or second majoring in the LACS track of Regional Studies, at least 12 of the 18 s.h. must be taken in courses with a Latin American and/or Caribbean focus, with at least nine (9) s.h. at the 300 level or above, and no more than two courses from any one of the four categories.]

To be selected from the following categories, consistent with the student's declared concentration, with no more than two courses from any one category:

1. Society and Politics: Any course with a 50 percent or more focus on social, historical, and political issues of international and/or global relevance
2. Economics and Environment: Any course with a 50 percent or more focus on international and/or global issues in economics and the environment
3. Arts and Literature: Any course with a 50 percent or more focus on the arts and/or literatures of nations and cultures outside of the United States, or any course reading literature in a foreign language at the 300 level or above
4. Belief Systems and Cultures: Any course with a 50 percent or more focus on ideologies, philosophies, and belief systems unique to and/or interconnected with other nations and peoples of the world

IGS 333 may be included for credit in any of these four categories depending upon the content of the course, which may vary from semester to semester

V Electives

Electives sufficient to complete the 122 semester hours required for degree.

International and Global Studies Minor

Required: 18 semester hours at the 200 level and above

AOS Code: U814

A. Language Requirements (6 s.h.)
One year beyond the Intermediate level of a modern foreign language: *Russian in the case of Russian Studies; Spanish, French, or Portuguese in the case of Latin American and Caribbean Studies*

B. Core courses (6 s.h.)
IGS 233A or 233B; IGS 400

C. Additional courses (6 s.h.)
To be selected from the same categories listed above under IV Major Requirements (C.), with no more than one course from any one category. LACS minors must complete all 6 s.h. in courses with a Latin American and/or Caribbean focus, with no more than one course from any one category.

INTERNATIONAL STUDIES COURSES (IGS)

GE Core denotes General Education Core credit; GE Marker denotes General Education Marker credit; CAR denotes College Additional Requirement credit.

For Undergraduates

233A, 233B International and Global Studies Seminar (3:3)
GE Marker: IGS 233A meets GN; IGS 233B meets GL
- *Required for majors and minors.*

Interdisciplinary seminar designed to introduce students to substantive concerns of International and Global Studies and the methods of investigation employed in it. An effort is made to increase student awareness of global problems through library research, interviews, and field trips.

333 Selected Topics: International and Global Studies (3:3)
- *Required for majors.*

An advanced level course usually offered once a year concentrating on specific topics of international and/or global concern. The content of this course may grow out of materials explored initially in IGS 233.

400 Seminar in International and Global Studies (3:3)
Pr. IGS 233A or B
- *Required for majors and minors. Majors and second majors should have completed at least 12 s.h. of IGS-qualified additional courses; minors should have completed their 6 s.h. of required additional courses. Exceptions must be approved by the Director of IGS.*

Interdisciplinary seminar dealing with contemporary problems in international and global affairs.

Italian

(see Romance Languages)

Japanese

(see German, Russian, Japanese, and Chinese Studies)

Latin

(see Classical Studies)

Liberal Studies

see the individual programs for Special Programs in Liberal Studies:

Archaeology Program, p. 120
Bachelor of Arts in Liberal Studies, Humanities concentration, p. 252
Environmental Studies Program, p. 205
International and Global Studies Program, p. 262
Linguistics Program, p. 265

See The Graduate School Bulletin *for Master of Arts in Liberal Studies courses.*

Department of Library & Information Studies

School of Education

349 Curry Building
336/334-3477
www.uncg.edu/lis

FACULTY

Lee Shiflett, Professor and Chair of the Department
Professor Carmichael
Associate Professors Barron, Hersberger
Assistant Professor Andrews
Instructor Chow

This program is accredited by the American Library Association and leads to the Master of Library and Information Studies degree and appropriate state-level certification for school media personnel and public librarians.

Library and Information Studies Major

Degree offered—Master of Library and Information Studies, MLIS

Please see *The Graduate School Bulletin* for a complete description of the requirements of this program.

There are no undergraduate areas of study offered by this department.

LIBRARY AND INFORMATION STUDIES COURSES (LIS)

Courses for Undergraduates

120 Introduction to Instructional Technology for Educational Settings (1:1:1)

- *For students seeking initial North Carolina teaching licensure in any area.*
- *Students may not receive credit for both LIS 120 and CUI 120.*

Provides an introduction to instructional technology, knowledge, and skills for classroom settings. (FALL & SPRING & SUMMER) (Same as CUI 120)

Courses for Advanced Undergraduates & Graduate Students

505 Introduction to Archival Management (3:3)
Pr. permission of instructor

Principles of archival management, featuring both classroom instruction in archival theory and practical experience in manuscript repositories and public and private archives. (Same as HIS 505)

Please refer to The Graduate School Bulletin *for additional graduate-level courses.*

Linguistics Program

College of Arts & Sciences

1104 Moore Humanities and Research Administration
336/334-5726

COMMITTEE MEMBERS

David Wharton, Department of Classical Studies and Director, Linguistics Program
Micheline Chalhoub-Deville, Department of Educational Research Methodology
Jacqueline Cimorelli, Emerita, Department of Communication Sciences and Disorders
Mariche García-Bayonas, Department of Romance Languages
Nancy Myers, Department of English
Adrian Wurr, Department of English

Students at UNCG may major or minor in Linguistics through the University's Special Programs in Liberal Studies. Linguistics majors and minors undertake the formal study of language in several disciplines of the social sciences and humanities, and are prepared for graduate work in many fields as well as for further study for careers in teaching, especially in language arts, foreign languages, and communication studies. Linguistics serves especially well as a second major for majors in Anthropology, Classical Studies, Communication Sciences and Disorders, Communication Studies, English, French, German, or Spanish. Linguistics majors who double major in English, Classical Studies with a concentration in Latin, French, German, Spanish, or Education of Deaf Children may also pursue "A" teacher licensure in those areas.

The Linguistics concentration gives students a broad-based grounding in the modern, empirical study of sound, form, structure, and meaning in language, as well as in the ways that language interacts with society and culture. The Applied Linguistics concentration gives students a firm grounding in linguistics as a preparation for teaching English as a second language, for teaching in multilingual contexts, for clinical work or research in communications sciences and disorders, and for teaching deaf or hard of hearing students.

Special Programs in Liberal Studies Major—Concentration in Linguistics (B.A.) (SPLS)

Degree: Bachelor of Arts

Required: 122 semester hours, to include at least 36 hours at or above the 300 course level

Available Concentrations and AOS Codes:

Linguistics, U806
Applied Linguistics, U801

REQUIREMENTS

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
Historical Perspectives on Western Culture (GHP)	3
Mathematics (GMT)	3
Natural Sciences (GNS)	6–7
one must be a laboratory course; each must have a different departmental prefix	
Program specifies courses for:	
One additional GLT course *(student may select)*	3
Reasoning and Discourse (GRD)	6
ENG 101 or FMS 115 or RCO 101, and PHI 310	
Social and Behavioral Sciences (GSB)	6
required: SES 240 and one additional GSB course	

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers, at least one of which must carry the GN marker

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major.** All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major**. All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III College of Arts and Sciences Additional Requirements (CAR)

See pp. 89–91 for requirements and approved courses.

Historical Perspectives on Western Culture	3
either a GHP/GPM or GMO course	
Natural Sciences	3–4
one additional GNS/GLS or GPS course	
Social and Behavioral Sciences (GSB)	3
one additional GSB course	
Foreign Language (GFL)	0–12
intermediate-level proficiency in one language, demonstrated by placement test, or completion of course work through course number 204	
Writing Intensive Courses (WI)	
a total of four WI courses	

IV Major Requirements

Linguistics Concentration

Minimum 27 semester hours above the 100 level to include the following:

1. Core Courses (15 s.h.)
   LIN 111 or ENG 111; LIN 262* or ENG 262*; CSD 306; LIN 336 or CCI 336; PHI 310*

**PHI 310 satisfies one GRD; LIN/ENG 262 satisfies one GSB.*

2. Advanced Foreign Language Competence (0–18 s.h.)

Linguistics majors with a concentration in Linguistics are required to have the equivalent of 6 semesters of foreign language study. This requirement may be met in the following ways:

- Six semesters of a single ancient or modern language, such as French, German, Greek, Japanese, Latin, Russian, or Spanish.
- Four semesters of one language (e.g., French) plus two semesters of a second language (e.g., Greek). Students using this option may use two semesters of Sign Language as their second language.
- Students may fulfill part or all of this requirement by demonstrated proficiency in one or more foreign languages or Sign Language. The normal benchmark for proficiency is the appropriate score(s) on UNCG departmental language placement exams.

Students whose primary major is in the College of Arts and Sciences would normally fulfill part of this requirement with their GFL requirement, and would complete it with 6 additional semester hours of language study, either in their GFL language, or in a second foreign language, or in Sign Language.

Applied Linguistics Concentration

Minimum 27 semester hours above the 100 level to include the following:

1. Core Courses (15 s.h.)
   LIN 111 or ENG 111; CSD 306; LIN 262* or ENG 262*; LIN 302 or ENG 302 or CSD 250; CSD 308 or SES 240
2. Modern Foreign Language Competence (0–12 s.h.)

**LIN/ENG 262 satisfies one GSB.*

Intermediate competence in a modern foreign language is required. The normal benchmark for this requirement is successful study of a modern foreign language through the fourth semester, e.g., SPA 204, or GER 204, but, alternatively, students may meet this requirement by achieving the requisite score on a departmental language placement exam. Students whose primary major is in the College of Arts and Sciences would normally fulfill this requirement with their GFL language.

Those who plan to work with deaf or hard of hearing students are also strongly encouraged to study Sign Language, though they should be aware that Sign Language does not fulfill either the College GFL or the Applied Linguistics Modern Foreign Language Competence requirement.

V Electives

Linguistics Concentration

At least 9 s.h. from any of the following courses:

ATY 385, 585, 587; CST 300, 502, 559; ENG 260, 513; FRE 315, 511; GER 307, 407; LAT 531; PHI 565; PSY 483; RUS 301; SPA 315, 416, 516

The 300-and-above language courses in the above list may be counted as elective hours and be used in partial fulfillment of the advanced foreign language competence requirement.

Special topics or independent study courses may also count for elective credit in the Linguistics concentration if they have substantial linguistic content and are approved by the Linguistics Committee.

Applied Linguistics Concentration

At least 9 s.h. from any of the following courses:

ATY 385, 585; CSD 588; CUI 516, 526, 589; ENG 321; PSY 483

Special topics or independent study courses may also count for elective credit in the Applied Linguistics concentration if they have substantial linguistic content and are approved by the Linguistics Committee.

Linguistics Minor

Required: minimum of 15 semester hours

The minor in Linguistics consists of a minimum of 15 semester hours above the 100 level. Of these, 9 hours must be chosen from the core courses in either concentration. The additional hours may be chosen from any of the courses listed above.

LINGUISTICS COURSES (LIN)

GE Core denotes General Education Core credit; GE Marker denotes General Education Marker credit; CAR denotes College Additional Requirement credit.

Courses for Undergraduates

111 Introduction to Linguistics (3:3)

Introductory study of the science of language: principles of sound, meaning, structure, use, and the interactions of language and society. (Same as CCI 111 and ENG 111)

262 Sociolinguistics (3:3)

GE Core: GSB

Introduction to language in its sociocultural context. Topics covered: geographical and social dialects, language and identity, domains of language use, language attitudes, and the nature of multilingual societies. (ALT) (Same as ENG 262)

302 Second Language Acquisition (3:3)

Survey of language acquisition theories, including first and second language development issues; theoretical and pedagogical approaches to working with linguistically and culturally diverse learners. (ALT) (Same as ENG 302)

336 Language Change (3:3)

Pr. LIN 111, ENG 111, or ATY 387, or permission of instructor

What makes languages change and how does language change affect individuals and societies? Survey of the empirical study of language change, with insights drawn from linguistics, sociolinguistics, and anthropology. (Same as CCI 336)

Management

(see Business Administration)

Marketing

(see Business Administration)

Department of Mathematics and Statistics

College of Arts & Sciences

383 Bryan Building
336/334-5836
www.uncg.edu/mat

FACULTY

Alex Chigogidze, Professor and Head of Department
Professors Duvall, Gupta, J.Vaughan, T. Vaughan
Associate Professors Chhetri, Fabiano, Richter, Tangedal
Assistant Professors Bell, Deutsch, Doehler, Erovenko, Pauli, Rychtar, Saidak
Lecturers Blackmon, O'Connor, Weigel

The Department of Mathematics and Statistics offers undergraduate programs leading to the B.A. and B.S. degrees in Mathematics with concentrations in statistics, pure, applied, and interdisciplinary mathematics, and computer science. The Department also offers a graduate program leading to the M.A. degree in Mathematics (with specialties available in pure mathematics, applied mathematics, or applied statistics).

Mathematics is an excellent major for the student whose immediate objective is to acquire a strong liberal arts education. The goal of all of the Department's programs is to produce students who are both technically competent and sufficiently well grounded in theory that they can contribute to fundamental research in their chosen specialty. To give a professional direction to the student's liberal arts education, the mathematics major may elect any of the above concentrations or seek secondary teacher licensure. Students seeking secondary teacher licensure should see **Teacher Education Programs**.

There are many opportunities for the undergraduate majors in the mathematical sciences in industry, government, business, and secondary school teaching. An undergraduate major in the mathematical sciences also provides excellent preparation for graduate studies in many areas, including actuarial sciences, computer science, economics, engineering, law, mathematics, operations research, and statistics. The majors can be specialized to allow preparation for any of these goals.

The department offices, classrooms, and study areas are located in the Bryan Building. Students have access to computing facilities including personal computer laboratories and workstations. The campus is fully networked locally. The University is an Internet node, and students and faculty have access to the Internet's many features.

Mathematics Major (MATH)

Degree: Bachelor of Arts

Required: 122 semester hours, to include at least 36 hours at or above the 300 course level

AOS Code: U179

Degree: Bachelor of Science

Required: 122 semester hours, to include at least 36 hours at or above the 300 course level

Available Concentrations and AOS Codes:

Pure Mathematics, U853
Applied Mathematics, U852
Computer Science, U182
Interdisciplinary, U178
Statistics, U184

Requirements for the Bachelor of Arts and Bachelor of Science

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
Historical Perspectives on Western Culture (GHP)	3
Natural Sciences (GNS)	6–7
one must be a laboratory course; each must have a different departmental prefix	
Reasoning and Discourse (GRD)	6
ENG 101 or FMS 115 or RCO 101, and one additional GRD course	
Social and Behavioral Sciences (GSB)	6
Department specifies courses for:	
One additional GLT, GFA, or GPR course	3
required: one additional GLT course	
Mathematics (GMT)	3
required: MAT 191	

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers, at least one of which must carry the GN marker

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major.** All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major.** All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III College of Arts and Sciences Additional Requirements (CAR)

See pp. 89–91 for requirements and approved courses.

Historical Perspectives on Western Culture	3
either a GHP/GPM or GMO course	
Natural Sciences	3–4
one additional GNS/GLS or GPS course	
Social and Behavioral Sciences (GSB)	3
one additional GSB course	
Foreign Language (GFL)	0–12
intermediate-level proficiency in one language, demonstrated by placement test, or completion of course work through course number 204	

Writing Intensive Courses (WI)
a total of four WI courses

IV Major Requirements

The mathematics major must complete courses as specified below, and must have a minimum grade point average of 2.0 in MAT/STA courses required for the major and completed at UNCG.

It is strongly recommended that students planning to pursue graduate study in Mathematics include at least two courses from MAT 591, 592, 595, 596, and two other courses from MAT 514, 515, 516, 517, 518, 522, 531, 532, 540, 541, 542, 545, 546, 549, 556, 591, 592, 595, 596.

Mathematics Major Core

Every mathematics major, with the exception of the Statistics concentration in the B.S. degree, must complete the following core courses: MAT 191*, 292, 293, 310, 311, 390, 394, 395; STA 290; CSC 130 or 230 or 231.

**MAT 191 satisfies GMT.*

Requirements for the Bachelor of Arts

1. Mathematics Major Core (30 s.h.)
2. One 500-level MAT course (excluding 503, 504, 505, 513) (3 s.h.)

Requirements for the Bachelor of Science

There are five concentrations in the Bachelor of Science degree: Pure Mathematics, Applied Mathematics, Interdisciplinary, Computer Science, and Statistics. Students must select a concentration.

Pure Mathematics Concentration

1. Mathematics Major Core (30 s.h.)
2. Three (3) courses chosen from the following (9 s.h.): MAT 514, 515, 517, 518, 519, 522, 531, 532, 540, 545, 591, 592, 595, 596
3. Three (3) additional courses chosen from the following (9 s.h.): any MAT course 200 level or above (excluding 220, 303, 304, 503, 504, 505, 513); CSC 523, 524, 553, 555; STA 351, 352, 551, 552, 573, 574, 575
4. PHY 291, 292; or CHE 111, 112, 114, 115; or BIO 111, 112

Applied Mathematics Concentration

1. Mathematics Major Core (30 s.h.)
2. Two (2) courses chosen from the following, one of which must be a MAT course (6 s.h.): MAT 522, 531, 532, 540, 545, 546, 549, 556; CSC 523, 524, 526; STA 551, 552
3. Three (3) additional courses chosen from the following (9 s.h.): any MAT course 200 level or above (excluding 220, 303, 304, 503, 504, 505, 513); CSC 261, 322, 330, 523, 524, 526, 529, 539, 553, 555, 561; STA 351, 352, 551, 552, 573, 574, 575; ECO 301, 319, 351; PHY 323, 325, 423, 426; CHE 242, 461, 462
4. PHY 291, 292; or CHE 111, 112, 114, 115; or BIO 111, 112

Computer Science Concentration

1. Mathematics Major Core (30 s.h.)
2. Additional required courses (3 s.h.): MAT 253 or 353
3. Two (2) 500-level courses chosen from the following (6 s.h.): MAT 515, 531, 532, 541, 542, 549, 556; CSC 523, 524, 526, 553, 555; STA 551, 552
4. Three (3) additional courses chosen from the following (9 s.h., at least six (6) of which must be at the 500 level): any MAT course 300 level or above (excluding 303, 304, 503, 504, 505, 513); CSC 523, 524, 526, 553, 555, 593, 594; STA 351, 352, 551, 552, 573, 574, 575, 593, 594
5. Required CSC courses: CSC 130, 230, 330; one of CSC 339, 340; two 400- or 500-level CSC courses (if not already taken in (3) or (4) above)
6. One 500-level MAT course (excluding 503, 504, 505, 513), if not already taken in (3) or (4) above
7. PHY 291, 292; or CHE 111, 112, 114, 115; or BIO 111, 112

Interdisciplinary Concentration

This program provides students the flexibility to seek specialization in a math-related area, such as economics, physics, mathematical biology, mathematical chemistry, biostatistics, quantitative business, actuarial science, etc.

In consultation with a faculty advisor, each student prepares a program of study suited to his or her interests and goals. The program of study includes a core of mathematics courses and must be approved by the director of undergraduate studies in the department. Sample programs of study are available from the department.

1. Mathematics Major Core (30 s.h.)
2. One 500-level MAT course (excluding 503, 504, 505, 513) (3 s.h.)
3. Five (5) additional electives (at least 3 s.h. each) at the 300 level or above, chosen according to the student's area of specialization (15+ s.h.)

Statistics Concentration

1. Required Core Courses (19 s.h.): MAT 191*, 292, 293, 310, 394, 490; CSC 130 or 230 or 231
2. Required Statistics Courses (12 s.h.): STA 290, 291, 352
3. Three (3) additional STA courses 300 level or above (9 s.h.), one of which must be at the 500 level
4. Two (2) additional courses chosen from the following (6 s.h.): Any STA course 300 level or above (except STA 571); MAT 353, 531, 541, 542; CSC 523, 524, 526
5. ISM 318, ENG 327, and course work beyond the GEC requirements in an area of application (e.g., BIO, PSY, etc.) recommended

**MAT 191 fulfills GMT.*

Mathematics Major with Secondary Subject-Area Teacher Licensure

AOS Codes:

B.A. in Mathematics with Licensure, U183

B.S. in Mathematics, Pure Mathematics Concentration, with Licensure, U851

B.S. in Mathematics, Applied Mathematics Concentration, with Licensure, U850

B.S. in Mathematics, Computer Science Concentration, with Licensure, U854

B.S. in Mathematics, Statistics Concentration, with Licensure, U855

Students seeking secondary teacher licensure must satisfy the following requirements (note that additional semester hours may be required for the degree.). Please see teacher licensure requirements in **Teacher Education Programs**.

B.A. in Mathematics with Licensure—Students must satisfy the requirements for the B.A. degree and must in addition complete MAT 504, 505, and 513.

B.S. in Mathematics with Licensure—Students must satisfy the requirements for the B.S. degree and must in addition complete MAT 504, 505, and 513. Students in the Statistics concentration must also complete the Mathematics Major Core courses.

Mathematics as a Second Major

Requirements for a Second Major in Mathematics are the same as for the Mathematics Major (B.A. or B.S. degree).

Second Academic Concentration in Mathematics for Elementary Education Majors and Special Education Majors

Required: minimum of 18 semester hours

1. Core Courses: MAT 191, 292, STA 271, and one MAT course from 220, 253, 293, 310
2. Six (6) additional s.h. of electives from MAT 220, 253, 293, 310, 311, 353, 390, 394, 503, 504, 513, 514, 519, 531

Mathematics Minor

Required: minimum of 15 semester hours (minimum of 9 hours in residence at UNCG)

AOS Code: U179

The minor in mathematics consists of at least 15 semester hours of work, chosen as follows:

1. MAT 191, 292
2. MAT 310 or 353
3. Six additional s.h. at the 200 level or above consisting of any MAT, CSC, or STA courses that count toward the mathematics major

NOTE: All minor programs must be approved by the Department of Mathematical Sciences.

Statistics Minor

Required: minimum of 15 semester hours

The minor in statistics consists of at least 15 hours of work, chosen as follows:

1. STA 290 and 291 (6 s.h.)
2. Three additional STA courses at the 300 level or above (except STA 571) (9 s.h.)

NOTE: All minor programs must be approved by the Department of Mathematical Sciences.

Accelerated Master's Program for Mathematics Majors

Interested students should see Accelerated Master's Programs for Undergraduates for details about the B.A. or B.S. in Mathematics/M.A. in Mathematics program requirements.

Honors in Mathematics

Requirements

Twelve semester hours to consist of:

- Two contract Honors courses from MAT 310, 311, 390, 395, for 6 s.h.
- MAT 493 and HSS 490, for 6 s.h.

Note: MAT 493 must be completed before HSS 490.

Qualifications

- 3.30 or greater cumulative GPA at graduation
- A grade of B or higher in all course work used to satisfy the Honors requirement in Mathematics
- A declared Mathematics major

Recognition

The designation "Completed Disciplinary Honors in Mathematics" and the title of the Senior Honors Project will be printed on the student's academic transcript.

Honors Advisor

See Dr. Richard Fabiano, Honors Liaison, for further information and guidance about Honors in Mathematics.

MATHEMATICS COURSES (MAT)

GE Core denotes General Education Core credit; GE Marker denotes General Education Marker credit; CAR denotes College Additional Requirement credit.

Courses for Undergraduates

100 Intermediate Algebra (3:3)

- *Credit does not apply toward graduation nor count in the student's GPA.*

Real numbers and their properties, linear equations, systems of equations, polynomials and functions, fractional expressions, exponents and roots, quadratic equations, graphing, inequalities. (SUMMER)

112 Contemporary Topics in Mathematics (3:3)

GE Core: GMT

Practical mathematical topics including set theory, properties and operations of number systems, algebra, geometry and consumer mathematics. Additional topics may be selected from logic, systems of numeration, and mathematical systems. (FALL & SPRING)

115 College Algebra (3:3)

GE Core: GMT

- *Credit can be earned for only one of MAT 115, 119, or 150.*

Algebraic expressions, exponents, radicals, factoring, solving equations and inequalities, graphing, polynomial and rational functions. (FALL & SPRING)

120 Calculus for Business and the Social Sciences (3:3)

GE Core: GMT

Pr. an acceptable score on the mathematics placement test or a grade of at least C in 115 or 119 or 150

- *Credit cannot be earned for both this course and MAT 191.*
- *NOTE: this course does not serve as a prerequisite for 292 (Calculus II).*

Limits and introductory differential calculus of the algebraic, exponential, and logarithmic functions of one variable. (FALL & SPRING)

150 Precalculus I (3:3)

GE Core: GMT

- *Credit can be earned for only one of MAT 115, 119, or 150.*

Review of elementary algebra, equations, inequalities, relations, functions, transformations, graphing, complex numbers, polynomial and rational functions. (Formerly MAT 119) (FALL & SPRING)

151 Precalculus II (3:3)

GE Core: GMT

Pr. an acceptable score on the mathematics placement test or a grade of at least C in 119 or 150

Review of relations, trigonometric (circular) functions and identities, exponential and logarithmic functions, solutions of triangles, equations of second degree and their graphs. (FALL & SPRING)

191 Calculus I (3:3)

GE Core: GMT

Pr. an acceptable score on the mathematics placement test, or a grade of at least C in 121 or 151

- *Credit cannot be received for both this course and MAT 120.*

Limits and introductory differential calculus of the algebraic and transcendental functions of one variable. (FALL & SPRING)

220 Plane and Solid Analytic Geometry (3:3)
Pr. grade of at least C in 121 or 151 or equivalent
- *Hours count toward teacher licensure but do not count toward degree requirements for a mathematics major.*

Study of conic sections (including rotation of axes), graphing with polar coordinates, quadric surfaces, and vectors. (SPRING)

253 Discrete Mathematics I (3:3)
Pr. grade of at least C in 121 or 151, or permission of instructor
- *Only one of MAT 253 or MAT 295 can count toward degree requirements for a mathematics major.*

Mathematical reasoning techniques and concepts in computer science. Topics include sets, functions, sequences, relations, induction and recursion, Boolean algebra, and elementary propositional and predicate logic, including proof techniques. (FALL & SPRING)

292 Calculus II (3:3)
Pr. a grade of at least C in 191 or permission of the instructor

Continuation of the study of differential calculus of the elementary transcendental functions, introductory integral calculus of the algebraic and transcendental functions of one variable, techniques of integration. (FALL & SPRING)

293 Calculus III (3:3)
Pr. grade of at least C in 292

Indeterminate forms, improper integrals, infinite series, Taylor's formula, numerical methods, conic sections, polar coordinates. (FALL & SPRING)

295 Proofs and Mathematical Structures (3:3)
Pr. grade of at least C in 292
- *At most one of MAT 253 or MAT 295 can count toward degree requirements for a mathematics major.*

An introduction to basic mathematical concepts needed for most upper level mathematics courses. The language and logic of proofs, basic set theory, relations, functions, numbers, counting, cardinalities, introduction to algebra.

303 Topics in Mathematics (3:3)
- *Hours count toward teacher licensure but do not count toward degree requirements for a mathematics major.*

Primarily for students seeking grades 6–9 certification. Extensive study of rational, irrational, and real numbers; selected topics from number theory; clock and modular arithmetic. Concrete models used to illustrate many of the mathematical concepts studied.

304 Introduction to the Foundations of Geometry (3:3)
- *Hours do not count toward degree requirements for Mathematics majors.*

Introductory course primarily for students seeking grade 6–9 certification. Designed to develop an understanding of the fundamental ideas of geometry. Includes both an intuitive and deductive study of points, lines, planes, curves, surfaces, congruences, parallelism, similarity and linear, angular, area, and volume measures.

310 Matrix Theory (3:3)
Pr. grade of at least C in 292

Matrices, equivalence relations for square matrices, determinants, finite dimensional vector spaces, linear transformations, eigen-vectors. (FALL & SPRING)

311 Modern Algebra (3:3)
Pr. grade of at least C in 310

Introduction to theory of groups, rings, integral domains and fields, including basic properties of polynomials. (FALL & SPRING)

322 Linear Programming (3:3)
Pr. grade of at least C in MAT 310

Covers simplex computational procedure, minimum feasible solutions, artificial-basis technique, slack variables, perturbation techniques, cycling, parametric objective and dual problems, sensitivity analysis, and decomposition algorithms.

345 Vector and Tensor Analysis (3:3)
Pr. grade of at least C in 293 and 390

Vectors, scalar fields, vector fields. Dot and cross product. Vector differentiation and integration. Gradient, divergence and curl. Green's theorem, divergence theorem, Stokes' theorem. Curvilinear coordinates. Tensor Analysis: Physical laws. Coordinate transformations. Contravariant and covariant vectors. Contravariant, covariant, and mixed tensors. Tensor fields. Symmetric and skew-symmetric tensors. Conjugate or reciprocal tensors. Associated tensors. Transformation laws of Christoffel's symbols. Tensor form of gradient, divergence, and curl.

353 Discrete Mathematics II (3:3)
Pr. grade of at least C in 253 or permission of instructor

Problem-solving and modeling using techniques and concepts of Discrete Mathematics with applications to algorithms. Topics include elementary graph theory, combinatorics, discrete probability, difference equations, and linear algebra. (FALL & SPRING)

390 Ordinary Differential Equations (3:3)
Pr. grade of at least C in 292.

First order differential equations and linear equations of finite order, Laplace transforms, undetermined coefficients, variation of parameters, power series solutions near ordinary or regular singular points, applications, numerical methods. (SPRING)

394 Calculus IV (3:3)
Pr. grade of at least C in 293

Vectors, partial differentiation, multiple integrals, vector calculus. (FALL & SPRING)

395 Introduction to Mathematical Analysis (3:3)
Pr. grade of at least C in 293, 310

Introduction to fundamental concepts of single variable calculus, including properties of real numbers, notion of limit, continuity, differentiation, integration, and infinite series. (FALL)

490 Senior Seminar in Mathematics (1:1)
Pr. senior standing and mathematics major, or permission of instructor

Oral presentations on topics in mathematics, including current mathematics literature. (FALL & SPRING)

493 Honors Work (3–6)
Pr. permission of instructor; 3.30 GPA in the major, 12 s.h. in the major
- *May be repeated for credit if the topic of study changes.*

Courses for Advanced Undergraduates & Graduate Students

503 Problem Solving in Mathematics (3:3)
Pr. grade of at least C in 191 and 303 or permission of instructor
- *Hours count toward teacher licensure but do not count toward degree requirements for a mathematics major.*

Investigates the nature of problem solving, covers procedures involved in problem solving, develops individual problem solving skills, and collects a set of appropriate problems. Required for middle grades mathematics concentration. This course cannot be applied toward the requirements for the M.A. degree in Mathematics.

504 Foundations of Geometry for Teachers (3:3)
Pr. grade of at least C in 292 or permission of instructor
- *Hours count toward teacher licensure but do not count toward degree requirements for a mathematics major.*

Primarily for students seeking teacher certification. Includes logic and axiom systems, history, plane and solid Euclidean geometry, proof strategies, introduction to non-Euclidean geometries, and transformational geometry. This course cannot be applied toward the requirements for the M.A. degree in Mathematics. (FALL)

505 Foundations of Mathematics for Teachers (3:3)
Pr. grade of at least C in 292 or 303 or permission of instructor
- *Hours count toward teacher licensure but do not count toward degree requirements for a mathematics major.*

Primarily for students seeking teacher certification. Includes properties and algebra of real numbers; analytic geometry; polynomial, rational, exponential, logarithmic, and trigonometric functions; complex numbers; concept of limits of functions. This course cannot be applied toward the requirements for the M.A. degree in Mathematics. (SPRING)

513 Historical Development of Mathematics (3:3)
Pr. grade of at least C in 292

Study of the historical development of mathematics, not a history of persons involved in development. This course cannot be applied toward the requirements for the M.A. degree in Mathematics. (FALL)

514 Theory of Numbers (3:3)
Pr. grade of at least C in 311 or permission of instructor

An introductory course to both multiplicative and additive number theory. Divisibility, prime numbers, congruencies, linear and nonlinear Diophantine equations (including Pell's equation), quadratic residues, number-theoretic functions, and other topics.

515 Mathematical Logic (3:3)
Pr. grade of at least C in 253 or 311 or permission of instructor

Formal languages, recursion, compactness, and effectiveness. First-order languages, truth, and models. Soundness and completeness theorems. Models of theories. (ODD SPRING)

516 Polynomial Rings (3:3)
Pr. grade of at least C in 311

Rings, integral domains, fields, division algorithm, factorization theorems, zeros of polynomials, greatest common divisor, relations between the zeros and the coefficients of a polynomial, formal derivatives, prime polynomials, Euclidean rings, the fundamental theorem of algebra.

517 Theory of Groups (3:3)
Pr. grade of at least C in 311

Elementary properties of groups and homomorphisms, quotients and products of groups, the Sylow theorems, structure theory for finitely generated Abelian groups.

518 Set Theory and Transfinite Arithmetic (3:3)
Pr. grade of at least C in 311 or 395

The axioms of set theory, operations on sets, relations and function, ordinal and cardinal numbers.

519 Intuitive Concepts in Topology (3:3)
Pr. grade of at least C in 311 or 395

Basic concepts, vector fields, the Jordan curve theorem, surfaces, homology of complexes, continuity.

520 Non-Euclidean Geometry (3:3)
Pr. grade of at least C in 311 or 395

Fifth postulate, hyperbolic geometries, elliptic geometries, consistency of non-Euclidean geometries, models for geometries, elements of inversion.

521 Projective Geometry (3:3)
Pr. permission of instructor

Transformation groups and projective, affine and metric geometries of the line, plane, and space. Homogeneous coordinates, principles of duality, involutions, cross-ratio, collineations, fixed points, conics, ideal and imaginary elements, models, and Euclidean specializations.

522 Hilbert Spaces and Spectral Theory (3:3)
Pr. grade of at least C in MAT 395

Vector-spaces: basis, dimension, Hilbert spaces; pre-Hilbert spaces, norms, metrics, orthogonality, infinite sums. Linear subspaces; annihilators, closed and complete subspaces, convex sets. Continuous linear mappings; normed spaces. Banach spaces, Banach algebras, dual spaces. Reisz-Frechet theorem. Completion. Bilinear and seaquilinear maps. Adjoints. Operators in Hilbert space: isometric, unitary, self-adjoint, projection, and normal operations. Invariant subspaces. Continuous operators. Special theorems for a normal co-operator.

531 Combinatorial Analysis (3:3)
Pr. grade of at least C in 253 or 295 or 311 or 395, or permission of instructor

The pigeon-hole principle, permutations, combinations, generating functions, principle of inclusion and exclusion, distributions, partitions, recurrence relations.

532 Introductory Graph Theory (3:3)
Pr. grade of at least C in 310 and any one of the courses 253, 295, 311, 395, 531

Basic concepts, graph coloring, trees, planar graphs, networks.

540 Complex Functions with Applications (3:3)
Pr. grade of at least C in 293

The complex number system, holomorphic functions, power series, complex integration, representation theorems, the calculus of residues.

541, 542 Stochastic Processes (3:3), (3:3)
Pr. grade of at least C in MAT 394 and either MAT 353 or STA 351, or equivalents

Markov processes, Markov reward processes, queuing, decision making, graphs, and networks. Applications to performance, reliability, and availability modeling.

545 Differential Equations and Orthogonal Systems (3:3)
Pr. grade of at least C in 293 and 390 or permission of instructor

An introduction to Fourier series and orthogonal sets of functions, with applications to boundary value problems.

546 Partial Differential Equations with Applications (3:3)
Pr. grade of at least C in 545

Fourier integrals, Bessel functions, Legendre polynomials and their applications. Existence and uniqueness of solutions to boundary value problems.

549 Topics in Applied Mathematics (3:3)
Pr. grade of at least C in 293 and 390 or permission of instructor
- *May be repeated for credit with approval of the department head.*

Selected topics of current interest in applied mathematics.

556 Advanced Discrete Mathematics (3:3)
Pr. grade of at least C in 253 or permission of instructor

Advanced topics in discrete mathematics and their uses in studying computer science.

591 Advanced Modern Algebra (3:3)
Pr. grade of at least C in 311

Set theory: sets, mappings, integers. Group theory: normal subgroups, quotient groups, permutation groups, Sylow theorems. Ring theory: homomorphisms, ideals, quotient rings, integral domains, fields, Euclidean rings, polynomial rings.

592 Abstract Algebra (3:3)
Pr. grade of at least C in 591 or 311 and permission of instructor

Fields: extensions, transcendental elements, roots of polynomials, Euclidean constructions. Galois theory, solvability by radicals.

593, 594 Directed Study in Mathematics (1–3), (1–3)
(FALL & SPRING)

595, 596 Mathematical Analysis (3:3), (3:3)
Pr. 395 or permission of instructor

Real number axioms, metric spaces, sequences, series, continuity, differentiation, the Reimann-Stieltjes integral.

STATISTICS COURSES (STA)

GE Core denotes General Education Core credit; GE Marker denotes General Education Marker credit; CAR denotes College Additional Requirement credit.

Courses For Undergraduates

108 Elementary Introduction to Probability and Statistics (3:3)
GE Core: GMT
- *May not be taken for credit by students who have received credit for ECO 250 or 350 or who are concurrently enrolled in ECO 250.*

Survey of statistics intended for undergraduates in any discipline. Graphical displays, numerical measures, relationships between variables, elements of good data collection. Basic probability, introduction to inferential techniques including confidence intervals and significance testing. Emphasis on statistical literacy. (FALL & SPRING)

271 Fundamental Concepts of Statistics (3:3)
Pr. grade of at least C in MAT 119 or 150 or STA 108 or permission of department

Survey of basic descriptive and inferential statistics. Graphs and descriptive measures, simple linear regression and correlation, data collection, basic probability and probability models, interval estimation and significance testing, analysis of variance, use of statistical software. An appropriate preparation for more advanced statistics courses in any discipline. (FALL & SPRING)

290 Introduction to Probability and Statistical Inference (3:3)
Pr. MAT 292 or permission of instructor

Introduction to probability models and statistical inference. Descriptive statistics, basic probability laws, discrete and continuous probability models, sampling distributions, central limit theorem, estimation, hypothesis testing, simple regression, and correlation. (FALL OR SPRING)

291 Statistical Methods (3:3)
Pr. 271 or 290 or permission of instructor

Two-group comparisons, simple and multiple regression, one and two factor ANOVA, categorical data analysis, nonparametric methods. (SPRING)

351 Probability (3:3)
Pr. grade of at least C in MAT 292

Basic probability theory; combinatorial probability, conditional probability and independent events; univariate and multivariate probability distribution functions and their properties. (FALL)

352 Statistical Inference (3:3)
Pr. grade of at least C in STA 290 or permission of instructor

Descriptive and inferential statistics. Emphasis on sampling distributions; theory of estimation and tests of hypotheses, linear hypothesis theory, regression, correlation and analysis of variance. (SPRING)

375 Statistical Data Mining (3:3)
Pr. grade of at least C in STA 291

Introduction to statistical methods for data mining; classification and prediction methods using regression and discrimination techniques; clustering methods using distance, linkage, hierarchical methods. Using statistical software to perform data mining.

382 Introduction to Sampling Methods (3:3)
Pr. STA 291 or permission of instructor

Designing survey instruments; estimation of population mean, total, and proportion using simple random, stratified, systematic, and cluster sampling; other sampling techniques such as pps sampling and randomized response methods. (ALT)

383 Introduction to Nonparametric Methods (3:3)
Pr. STA 291 or permission of instructor

One- and two-sample permutation and rank tests, *k*-sample tests, tests of association, contingency table analysis, nonparametric bootstrapping. (ALT)

475 Experimental Course: Experimental Design (3:3)
Pr. STA 271 or 352 or 552 or 580

Design and analysis of comparative studies. Completely randomized designs, blocking, factorials, random and mixed models, repeated measures designs. Computing sample size and power for designs.

481 Introduction to Design of Experiments (3:3)
Pr. STA 291 or permission of instructor

Planning and analysis of experimental and observational studies. Completely randomized, blocked, split-plot, and repeated measures designs. Factorial arrangements and interaction. Power and sample size calculation. (ALT YEARS)

482 Introduction to Time Series Models (3:3)
Pr. STA 352 or permission of instructor

Estimation/removal of trend and seasonality, introduction to stationary stochastic processes, fitting ARMA/ARIMA models, forecasting techniques, miscellaneous topics, and introduction to a time series modeling software package. (ALT YEARS)

Courses for Advanced Undergraduates & Graduate Students

551 Introduction to Probability (3:3)
Pr. grade of at least C in STA 290 and MAT 293 or permission of instructor

Events and probabilities (sample spaces), dependent and independent events, random variables and probability distribution, expectation, moment generating functions, multivariate normal distribution, sampling distributions. (FALL)

552 Introduction to Mathematical Statistics (3:3)
Pr. grade of at least C in STA 551 or permission of instructor

Point estimation, hypothesis testing, confidence intervals, correlation and regression, small sample sampling distributions. (SPRING)

562 Statistical Computing (3:3)
Pr. STA 291 or 580 and knowledge of a scientific programming language
Statistical methods requiring significant computing or specialized software. Simulation, randomization, bootstrap, Monte Carlo techniques; numerical optimization. Extensive computer programming involved. This course does not cover the use of statistical software packages. (ALT FALL)

565 Analysis of Survival Data (3:3)
Pr. STA 291 or 352 or permission of instructor
Methods for comparing time-to-event data, including parametric and nonparametric procedures for censored or truncated data, regression model diagnostics, group comparisons, and the use of relevant statistical computing packages. (ALT)

571 Statistical Methods for Research I (3:3)
Coreq. 571L
- *Hours do not count toward degree requirements for a mathematics major.*

Introduction to statistical concepts. Basic probability, random variables, the binomial, normal and Student's t distributions, hypothesis tests, confidence intervals, chi-square tests, introduction to regression, and analysis of variance. (FALL)

571L Statistical Methods Laboratory I (1:0:2)
Coreq. 571
- *Hours do not count toward degree requirements for a mathematics major.*

Using statistical software packages for data analysis. Problems parallel assignments in 571. (FALL)

572 Statistical Methods for Research II (3:3)
Pr. 571 and 571L or permission of instructor
Coreq. 572L
Statistical methodology in research and use of statistical software. Regression, confidence intervals, hypothesis testing, design and analysis of experiments, one- and two-factor analysis of variance, multiple comparisons, hypothesis tests. (SPRING)

572L Statistical Methods Laboratory II (1:0:2)
Pr. 571 and 571L or permission of instructor
Coreq. 572
Using statistical software packages for data analysis. Problems parallel assignments in 572. (SPRING)

573 Theory of Linear Regression (3:3)
Pr. grade of at least C in 352 and MAT 310, or 662, or permission of instructor
Linear regression, least squares, inference, hypothesis testing, matrix approach to multiple regression. Estimation, Gauss-Markov Theorem, confidence bounds, model testing, analysis of residuals, polynomial regression, indicator variables. (FALL)

574 Theory of the Analysis of Variance (3:3)
Pr. grade of at least C in 573 or permission of instructor
Multivariate normal distribution, one-way analysis of variance, balanced and unbalanced two-way analysis of variance, empty cells, multiple comparisons, special designs, selected topics from random effects models. (SPRING)

575 Nonparametric Statistics (3:3)
Pr. grade of at least C in 352 or 572 or 662, or permission of instructor
Introduction to nonparametric statistical methods for the analysis of qualitative and rank data. Binomial test, sign test, tests based on ranks, nonparametric analysis of variance, nonparametric correlation and measures of association. (FALL)

580 Biostatistical Methods (3:3)
Pr. grade of at least C in STA 271 or STA 290 or permission of instructor
Statistical methods for biological research including: descriptive statistics; probability distributions; parametric and nonparametric tests; ANOVA; regression; correlation; contingency table analysis. (FALL)

581 SAS System for Statistical Analysis (1:1)
Pr. STA 271, 290, or similar introductory statistics course
Creating, importing, and working with SAS data sets. Using SAS procedures for elementary statistical analysis, graphical displays, and report generation. (FALL & SPRING)

593, 594 Directed Study in Statistics (1–3), (1–3) (Fall & Spring)

Please refer to The Graduate School Bulletin
for additional MAT and STA graduate-level courses.

Medical Technology Program

College of Arts & Sciences

312 Eberhart Building
336/334-5391
www.uncg.edu/bio/pages/med_tech.html

FACULTY

Director: Robert E. Cannon, Department of Biology, 441 Eberhart Building

Coordinator: Robin Maxwell, Department of Biology, 325 Science Building

UNCG students interested in medical technology have two programs of study from which to choose:

1. A program leading to the Bachelor of Science in Medical Technology (B.S.M.T.).
2. A program which includes receipt of a B.A. or B.S. with a major in either Biology, Chemistry, or Biochemistry and the completion of an additional 12 months of study in a School of Medical Technology which has been approved by the National Accrediting Agency for the Clinical Laboratory Sciences (NAACLS).

Because the recommended courses of study for both programs are essentially the same during the first year, students do not have to make a choice of programs until the end of the freshman year. Students in either program should complete the following courses during their freshman year or during the subsequent summer session: BIO 111, 112 and CHE 111, 112, 114, 115.

Medical Technology Major (MEDT)

Degree: Bachelor of Science in Medical Technology

Required: 124 semester hours, to include:

- 93 hours at UNCG
- 31 hours at the School of Medical Technology, Wake Forest University N.C. Baptist Hospital, Winston-Salem, North Carolina

AOS Code: U187

Students pursuing this degree program complete a minimum of 93 semester hours at UNCG and then complete 12 months of study at the affiliated School of Medical Technology. The B.S.M.T. is awarded only after successful completion of the final year of study at the affiliated clinical school listed above. Students earning the degree are eligible for state and/or national certification, registration, and/or licensure.

Participation in and completion of the 93 hours at UNCG does not guarantee acceptance into the 12-month Medical Technology program at the affiliated hospital. Students should apply for admission to the affiliated hospital school early in their junior year at UNCG. A student must have attained a GPA of at least 2.50 to be considered for admission by the hospital program.

REQUIREMENTS

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
Historical Perspectives on Western Culture (GHP)	3
Reasoning and Discourse (GRD) ENG 101 or FMS 115 or RCO 101, and one additional GRD course	6
Social and Behavioral Sciences (GSB)	6
Department specifies courses for:	
One additional GLT course *(student may select)*	3
Mathematics (GMT) required: MAT 115 or 150 or 151 or 191	3
Natural Sciences (GNS) required: CHE 111 and BIO 111	7

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers, at least one of which must carry the GN marker

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major,** which may come from either Biology or Chemistry courses. All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major,** which may come from either Biology or Chemistry courses. All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III College of Arts and Sciences Additional Requirements (CAR)

See pp. 89–91 for details and courses meeting CAR GPM/GMO and GLS/GPS requirements.

College Additional Requirements (CAR)	S.H.
Natural Sciences (GNS) required: BIO 112	4
Foreign Language required: B.S.M.T. students must meet a foreign language requirement either by proficiency exam or by completion of 6 s.h. of the same language at the appropriate level, determined by placement tests.	0–6
Writing Intensive Courses (WI) a total of four WI courses	

IV Major Requirements

1. BIO 111, 112, 277; 355 and 356, or 392 and 393; 481
2. CHE 111, 112, 114, 115, and one of the following (a, b, or c):
   (a) CHE 205, 206, 331, 333 or
   (b) CHE 351, 352, 354 or
   (c) CHE 331, 333, 351
3. MAT 115 or 150 or 151 or 191 or 292
4. PHY 211, 212 or 291, 292; or PHY 205 and 205L

V Electives

Electives sufficient to complete total semester hours required for degree. Suggested electives include:

- BIO 472 (Histology)
- CHE 420 (Biochemistry)
- BIO 583 (Virology) or 584 (Immunology)—alternate years
- BIO 494 (Biotechnology)
- a statistics course, a management course, and a computer course

Suggested Sequence for the B.S.M.T. Student

Course	S.H.
Freshman: 1st Semester	
GHP	3
CHE 111	3
CHE 112	1
BIO 111	4
GSB	3
ESS	1
Total s.h.	15
Freshman: 2nd Semester	
GMT	3
CHE 114	3
CHE 115	1
BIO 112	4
GRD	3
Total s.h.	14
Sophomore: 1st Semester	
Foreign language	3
GPR	3
CHE 205 & 206[2]	4
BIO 277	4
GFA	3
Total s.h.	17

Course	S.H.
Sophomore: 2nd Semester	
Foreign language	3
BIO Elective	3
BIO 355[1] & 356[1]	4
GLT	3
GRD	3
Total s.h.	16
Junior year: 1st Semester	
CHE 331[2]	3
CHE 333L[2]	1
GSB	3
BIO 481[1]	4
GLT	3
Elective	3
Total s.h.	17
Junior year: 2nd Semester	
PHY 205, 205L	4
BIO 494, 583, or 584	3–4
Elective	3
GN	3
Elective	3
Total s.h.	16–17

Total S.H. for Program **94–95**

[1]Either BIO 355 and 356 or BIO 392 and 393 must be taken in the sophomore year in order to take BIO 481 in the junior year. Both BIO 355 and 392 are taught in the fall and spring semesters.

[2]Alternatively, B.S.M.T. students can take CHE 351, 352, and 354.

VI Clinical Year

During the 12 months in a clinical program at an affiliated hospital, students in the B.S.M.T. program earn 31 semester hours of credit from among the following course areas:

Microbiology (Bacteriology, Parasitology, Virology, Serology, Mycology); Biochemistry and Isotopes; Clinical Microscopy; Hematology and Immunology; Blood Bank; Cytology and Cytogenetics; Basic Electronics, Instrumentation, and Computer Technology; Ethics and Laboratory Management; and Laboratory Seminars, Medical Mortality Conferences, and Abnormal Laboratory Rounds.

VII Advising

Because the course requirements for the B.S.M.T. are so complex, students in the program must confer with their assigned faculty advisor at least once each semester. Students in the program should schedule an appointment with their faculty advisor in the spring semester of their sophomore year to review their transcript and GPA; at that time, the advisor will offer an assessment of the student's progress and competitive position for admission to a hospital program for the clinical year. Any student who is undecided about which program to pursue (B.S.M.T. or B.A./B.S. in Biology/Chemistry/ Biochemistry plus a year of clinical study) should consult an advisor who can recommend courses within the curriculum that would minimize the time needed to switch from the B.S.M.T. to the B.A. or B.S. in Biology, Chemistry, or Biochemistry.

Biology, Chemistry, or Biochemistry Major Plus a Year of Clinical Study

Degree: Bachelor of Arts or Bachelor of Science

Required: 122 semester hours, plus a year of clinical study

AOS Codes:

Biology Major, 4 + 1 Medical Technology Program, U186

Chemistry Major, 4 + 1 Medical Technology Program, U188

Biochemistry Major, 4 + 1 Medical Technology Program, U861

Students electing this program earn a Bachelor of Arts or Bachelor of Science with a major in either Biology, Chemistry, or Biochemistry from UNCG (see **Biology** and **Chemistry & Biochemistry Departments**). During their final year at UNCG they apply for admission to a School of Medical Technology approved by the National Accrediting Agency for the Clinical Laboratory Sciences (NAACLS) for their final year of study.

Students electing this program must take the same subjects listed as major requirements for the B.S.M.T. program. They must consult with the head of the department in which they are majoring or their faculty advisor in selecting other courses necessary to fulfill the B.A. or B.S. requirements.

Eligibility for certification, registration, or licensure does not come until the student completes the final year of clinical training in a NAACLS-approved School of Medical Technology.

For students who complete the B.A. or B.S. degree in Biology, Chemistry, or Biochemistry, including within their degree all the requirements of a Clinical School of Medical Technology, there is a Clinical Training program at the Carolinas College of Health Sciences in Charlotte, N.C. These students would be eligible to apply both there and to Wake Forest University/N.C. Baptist Hospital in Winston-Salem, as well as accredited Schools in other states.

School of Music

220 Music Building
336/334-5789
www.uncg.edu/mus

FACULTY

John J. Deal, Professor and Dean of School
William Carroll, Professor and Associate Dean
Professors Burke, Gray, Gutter, Hodges, Holley, Kiorpes, Kohlenberg, Locke, Nelson, Salmon, P. Stewart, Williams, Willis
Associate Professors AsKew, Bach, Barret, Burns, G. Carroll, Di Piazza, Egekvist, Fadial, Haines, Harley, LeFevre, Masarie, McClaren, Rawls, Sink, Teachout, Walker
Assistant Professors Bracey, Capuzzo, Douglas, Engebretson, Keathley, McKoy, Nolker, Ricci, Stusek, Walter, Whitehouse, Young
Lecturers Linton, Mazzatenta, Riley, Scott, Taylor, Wells, Zandmane

The School of Music is an accredited institutional member of the National Association of Schools of Music. The requirements for entrance and graduation as set forth in this *Bulletin* are in accordance with the published regulations of the National Association of Schools of Music. The School of Music is the sole representative of the State of North Carolina to the National Association of Music Executives in State Universities.

The School of Music offers the only comprehensive music program from undergraduate through doctoral study in both performance and music education in North Carolina. Unlike either more specialized programs in conservatory-type institutions or more general curricula encountered in most departments of music, studies in the School of Music complement rigorous professional training with that broad liberal education necessary for students both to function as informed, responsible citizens and, concurrently, to communicate most effectively as musicians.

The Bachelor of Music degree in Performance is a professional music degree which prepares students for future careers as performers, composers, and/or teachers; it requires students to spend approximately two-thirds of their time in music study. The Bachelor of Music degree in Music Education prepares students for positions as choral directors or teachers of general music (principal performance area usually voice, piano, or organ), or for positions as instrumental directors (principal performance area in orchestral or band instruments) in public schools; it requires students to spend approximately two-thirds of their time in music and teacher licensure study. The Bachelor of Music degree in Jazz Studies is a professional music degree that prepares students for future careers in jazz performance, composition/arranging, and pedagogy; it requires students to spend approximately two-thirds of their time in music study. The Bachelor of Arts degree in Music is a liberal arts degree which provides valuable undergraduate preparation for a variety of careers; it requires students to spend approximately one-third of their time in music study. Exceptions to prescribed degree programs must have written approval of the Dean of the School of Music.

All prospective music majors and minors must audition for members of the music faculty for acceptance into the School of Music and for approval of the major or principal performance area. Such auditions should be arranged in advance through the School of Music; recorded auditions are acceptable only if distance prohibits a personal audition. In addition to an audition, composition majors should submit scores and/or recordings of completed compositions. Successful audition/composition submission results are valid for one calendar year. If the student does not enroll and begin performance studies lessons within that time, they must reaudition for entrance into the major.

Aspects of Music Study

Performance Studies

Throughout the four years of undergraduate enrollment, music students will study in one or more performance studies areas: keyboard, voice, strings, winds, or percussion. Composition may also be studied. This study will include private instruction in the major or principal performance area, some group instruction, and work in a secondary performance area (instruments, voice, composition or advanced conducting) outside the major or principal area.

Requirements in performance studies are defined both by proficiency level and semester hours. The level of study for each semester is determined by faculty committees in "jury examinations." Specific requirements for these examinations are provided by the faculty in each performance area.

Music majors enroll each semester in the major or principal instrument for two or three semester hours as determined by the performance faculty. Secondary performance study or performance study by most minors and non-majors normally grants one credit. Music majors assigned instruction in performance studies must simultaneously carry a minimum of two three-credit music courses. Any student who does not enroll in performance studies lessons for two continuous semesters (not counting summer) will be required to reaudition for readmission to the major unless performance studies requirements have already been met.

Majors, principals, and minors will be assigned to MUS 151–451 (1–3 credits) for performance lessons or MUS 253–453 for jazz performance lessons. Students who are not music majors or minors may enroll for performance study subject to the availability of space. Advance approval must be obtained from the School of Music. Neither noncredit nor audit registration in performance studies is permitted.

Performance Activities

B.M. students will participate in one or more large ensembles in their area each semester according to degree requirements. Any student enrolled for two or more credits of performance studies must co-register for a large ensemble (MUS 380, 381A & B, 382, 384, 388, 391, 393, 394A & B, 395, 396I). Each year advanced voice students may apply for roles in the performances of opera and musical theatre, which the School of Music presents in cooperation with the Department of Theatre.

Community Opportunities

Living in the artistically thriving Greensboro/Winston-Salem/High Point Triad region, students enjoy regular opportunities to attend and perform in concerts sponsored by such organizations as the Greensboro Symphony Orchestra, the Greensboro Opera Company, and the Eastern Music Festival. They also serve as church organists/directors, soloists, and participants in orchestras hired for touring events appearing in the community. In addition, they interact with some of the world's major artists who frequently schedule informal discussions, open rehearsals, and master classes at UNCG.

Facilities

The School of Music occupies a recently constructed, three-level, 130,000 square-foot facility. Located prominently on the corner of Market and McIver Streets, the School of Music is the northeast window to the University. The music building, considered to be one of the largest of its kind in the southeast, is accessed easily from an adjacent parking deck and is within a short walking distance to the central portion of the campus and housing.

The state-of-the-art building features a 350-seat recital hall; a 120-seat organ recital hall; instrumental, choral, and percussion rehearsal halls; a unified music library; a computer laboratory; classrooms; seminar-conference rooms; faculty studios/offices; practice facilities; an acoustics research laboratory; a psychoacoustics laboratory; an electronic piano laboratory; electronic music studios; a music education methods room; administrative offices; faculty and student lounges; and storage.

Students in instrumental areas, although encouraged to own the best possible instruments for their personal use, are afforded access to the school's large inventory of orchestral and keyboard instruments, including a $400,000 Andover Tracker organ with 3 manuals, 35 ranks, and 30 stops.

Transfer Student Policy

Transfer students to the School of Music must follow the requirements for their major that are in effect during the semester of their initial registration at UNCG, regardless of which general education requirements are allowed. Transfer students' requirements for MUS 090 and 091 equal the number of semesters at UNCG as a Music Major with the exception of the Student Teaching semester, or the number required for the degree, whichever is less.

Student Information Manual

Additional policies and regulations are found online in the Student Information Manual. This manual is made available to all music students after entrance requirements are met. Adherence to the contents of this publication is the responsibility of the student.

Music in General Studies

Courses in music appreciation, world-music cultures, jazz appreciation, and introductory music theory are designed for the non-music major. Such courses may be taken either to satisfy degree requirements or as electives. The interested and qualified student may, with consent of the instructor, pursue study in other music courses as well (see pertinent course descriptions).

Music Major (MUSI)

Degree: Bachelor of Arts

Required: 123 semester hours, to include at least 36 hours at or above the 300 course level

MUS 090 (4 semesters)

MUS 091 (7 semesters)

AOS Code:

General Music, U602

Student Learning Goals

The Bachelor of Arts degree with a major in music indicates the study of music in a liberal arts degree framework. It emphasizes a broad coverage of music rather than heavy concentration on any single segment. Studies develop musicianship, capabilities in the use of principles and procedures that lead to an intellectual grasp of the art, and the ability to perform. It serves individuals who seek a broad program of general education rather than intense specialization.

Requirements

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Mathematics (GMT)	3
Natural Sciences (GNS)	7
one must be a laboratory course; each must have a different departmental prefix	
Reasoning and Discourse (GRD)	6
ENG 101 or FMS 115 or RCO 101, and one additional GRD course	
Social and Behavioral Sciences (GSB)	6
Department specifies courses for:	
Fine Arts (GFA)	3
student may select any GFA course except MUS	
Philosophical, Religious, Ethical Principles (GPR)	3
student may select any GPR course except MUS	
One additional GLT, GFA, or GPR course	3
student may select any GLT, GFA or GPR course except MUS 241	
Historical Perspectives on Western Culture (GHP)	3
student may select any GHP course except MUS	

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Department specifies courses for:

Four (4) Global/Global Non-Western Perspectives (GL/GN)

required: MUS 135 (GN) and MUS 333 (GL); 6 s.h. of the same foreign language, or the equivalent of 101 and 102

Students may select courses for:

One Speaking Intensive (SI) Course

In addition to this SI Marker requirement, **students must also complete a second SI course within the major**. All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course

In addition to this WI Marker requirement, **students must also complete a second WI course within the major**. All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III Major Requirements

1. Theory: MUS 101, 102, 105, 106, 201, 202, 205, 206, 301
2. Musicology: MUS 135, 332, 333, and one of the following: 431, 434, 511, 529, 530, 531, 532, 533, 534
3. MUS 402 Seminar in Career Development
4. Performance Studies: 10 s.h. including at least 2 at 351 level
5. Class Piano: 4 s.h. through MUS 134 **or** proficiency
6. Technology: MUS 107, 108

General Music Concentration

1. Large Ensemble: 5 s.h.
2. One 400–500 level music elective in history/literature, theory, or pedagogy from MUS 403, 404, 407, 408, 409, 412, 413, 414, 415, 416, 417, 422, 423, 424, 431, 435, 436, 437, 460, 470, 471, 473, 500, 507, 508, 510, 511, 521, 528, 529, 530, 531, 532, 533, 534, 538, 541, 566

IV Electives

Electives sufficient to complete the 123 semester hours required for the degree.

Performance Major (PRFM)

Degree: Bachelor of Music

Required: 123 semester hours (Voice requires 125 hours), to include at least 36 hours at or above the 300 course level

MUS 090 (7 semesters)

MUS 091 (7 semesters)

Available Concentrations & AOS Codes:

Composition, U607 (a concentration in music composition with proficiency in at least one performance area required for acceptance)

Instrument, U611

Keyboard, U636

Voice, U635

Student Learning Goals

The Bachelor of Music degree is the initial professional degree in music. Its primary emphasis is on development of the skills, concepts, and sensitivities essential to the professional life of the musician. In any of many possible roles, the professional musician must exhibit not only technical competence, but also a broad knowledge of music and music literature, the ability to integrate musical knowledge and skill, sensitivity in musical style, and an insight into the role of music in intellectual and cultural life.

Requirements

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Historical Perspectives on Western Culture (GHP)	3
Mathematics (GMT)	3
Natural Sciences (GNS)	7
one must be a laboratory course; each must have a different departmental prefix	
Philosophical, Religious, Ethical Principles (GPR)	3
Reasoning and Discourse (GRD)	6
ENG 101 or FMS 115 or RCO 101, and one additional GRD course	
Social and Behavioral Sciences (GSB)	6
Department specifies courses for:	
Fine Arts (GFA)	3
student may select any GFA course except MUS	
One additional GLT, GFA, or GPR course	3
required: MUS 332	

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Department specifies courses for:

Four (4) Global/Global Non-Western Perspectives (GL/GN)

required for all concentrations:

MUS 135 (GN), MUS 333 (GL)

additional requirement for Voice concentration:

GER 101 and FRE 101

additional requirement for all other Performance concentrations:

any one additional GL or GN course

Students may select courses for:

One Speaking Intensive (SI) Course

In addition to this SI Marker requirement, **students must also complete a second SI course within the major**. All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course

In addition to this WI Marker requirement, **students must also complete a second WI course within the major**. All programs have identified at least one course among their major requirements that is taught as Writing Intensive. MUS 402 is required for all concentrations as the major WI course.

III Major Requirements

Core courses for all concentrations

1. Theory: MUS 101, 102, 105, 106, 201, 202, 205, 206, 301
2. Performance Studies: 12 s.h.
3. Technology: MUS 107, 108

Voice or Instrument Concentration

1. Major area Performance Studies: 10 s.h. beyond core requirement culminating in senior recital (at least 3 at 451 level)
2. Secondary Performance Studies: 2 s.h.
3. Musicology: MUS 135, 332, 333, and one of the following: 431, 434, 511, 529, 530, 531, 532, 533, 534. May not duplicate upper-division History/ Literature and Theory requirement (#6).
4. Large Ensemble: 8 s.h. (including 4 of MUS 384 for keyboard majors)
5. Conducting: 1 s.h.: MUS 319 or 372
6. History/Literature and Theory: 9 s.h. from MUS 413, 414, 415, 422, 423, 424, 431, 435, 436, 437, 460, 470, 471, 473, 507, 508, 510, 511, 521, 528, 529, 530, 531, 532, 533, 534, 538, 566 (two areas must be represented)
7. MUS 402 Seminar in Career Development
8. Additional requirements

Guitar Students

Class Piano: 2 s.h. through MUS 134 **or** proficiency
Small Ensemble: 4 s.h.
Pedagogy: 3 s.h.
Music Electives: 6 s.h.

Harpsichord Students

MUS 284, 285, and 2 s.h. of 384
Collegium Musicum: 2 s.h.
Piano: 4 s.h.
Keyboard Harmony: 2 s.h.
MUS 530: 3 s.h.
Pedagogy: 3 s.h.
Music Electives: 4 s.h.

Orchestral Instrument Students

Class Piano: 2 s.h. through MUS 134 **or** proficiency
Small Ensemble: 4 s.h.
Pedagogy (string, woodwind, brass, or percussion): 3 s.h.
Music Electives: 6 s.h.

Organ Students

MUS 284, 285, and 4 s.h. of 384
Small Ensemble: 2 s.h.
Keyboard Harmony: 2 s.h.
Pedagogy: 3 s.h.
Music Electives: 6 s.h.

Piano Students

MUS 284, 285 and 4 s.h. of 384
Small Ensemble: 2 s.h.
Pedagogy: 3 s.h.
Literature: MUS 413 or 414
Keyboard Harmony: 2 s.h.
Music Electives: 3 s.h.

Voice Students

Class Piano: 2 s.h. through MUS 134 **or** proficiency
Diction: 4 s.h.
Vocal Repertory and Pedagogy: 7 s.h. (375, 513, 514, 541)
FRE 101, GER 101, and ITA 101

Composition Concentration

1. Composition: 2 semesters (4 s.h.) of MUS 115 (beyond Performance Studies core requirement) culminating in senior recital (at least 2 s.h. at the 451 level)
2. Principal Performance Area: 8 s.h. (must attain 351 level)
3. Musicology: MUS 135, 332, 333, and one of the following: 431, 434, 511, 529, 530, 531, 532, 533, 534.
4. Class Piano: 2 s.h. through MUS 134 or proficiency (not required of keyboard principals)
5. Large Ensemble or 20th-Century Players: 8 s.h.
6. Small Ensemble: 2 s.h.
7. MUS 203, 350, 372, 507 or 508, 510, 566
8. Music Electives: 3 s.h. (keyboard principals), 1 s.h. (other principals)

IV Electives

Electives sufficient to complete the 123 semester hours required for the degree.

Music Education Major (K–12 Licensure) (MEDU)

Degree: Bachelor of Music

Required: 125 semester hours, to include at least 36 hours at or above the 300 course level; 2.50 GPA.
MUS 090 (7 semesters)
MUS 091 (7 semesters)

Available Concentrations & AOS Codes:
Choral/General Music Education, U626
Instrumental Music Education, U629

Student Learning Goals

The Bachelor of Music degree is the initial professional degree in music. Its primary emphasis is on development of the skills, concepts, and sensitivities essential to the professional life of the musician. In any of many possible roles, the professional musician must exhibit not only technical competence, but also a broad knowledge of music and music literature, the ability to integrate musical knowledge and skill, sensitivity in musical style, and an insight into the role of music in intellectual and cultural life.

Requirements

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Historical Perspectives on Western Culture (GHP)	3
Mathematics (GMT)	3
Natural Sciences (GNS)	7
one must be a laboratory course; each must have a different departmental prefix	
Philosophical, Religious, Ethical Principles (GPR)	3
Reasoning and Discourse (GRD)	6
ENG 101 or FMS 115 or RCO 101, and one additional GRD course	
Social and Behavioral Sciences (GSB)	6

Department specifies courses for:

Fine Arts (GFA) 3
student may select any GFA course except MUS

One additional GLT, GFA, or GPR course 3
required: MUS 332

Social and Behavioral Sciences (GSB) 6
required: PSY 121 and HEA 201

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Department specifies courses for:

Four (4) Global/Global Non-Western Perspectives (GL/GN)

- required for all concentrations: MUS 333 (GL), 135 (GN), 468 (GN)
- additional requirement for Choral/General Music Education concentration: FRE 101 or GER 101
- additional requirement for Instrumental Music Education concentration: any one additional GL or GN course

Students may select courses for:

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major**. All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major**. All programs have identified at least one course among their major requirements that is taught as Writing Intensive. MUS 402 is required for all concentrations as the major WI course.

III Major Requirements

Core Courses

1. Theory: MUS 101, 102, 105, 106, 201, 202, 205, 206, 301
2. Musicology: MUS 135, 332, 333, and one of the following: 431, 434, 511, 529, 530, 531, 532, 533, 534
3. Performance Studies: 12 s.h. (at least 2 at 351) culminating in a half recital during a semester enrolled at the 351 level. Keyboard students may fulfill the recital requirements by accompanying a full recital or chamber recital.
4. Large Ensemble: 7 s.h.
5. Technology: MUS 107, 108

Choral/General Music Education Concentration

Keyboard Students

1. MUS 170, 171, 208, 319, 356, 367A, 419, 464, 468, 469; select 2 credits from 270, 271, or 152 (secondary voice)
2. Class Voice: 2 s.h.
3. Secondary Voice: 3 s.h.
4. Music Electives: 2 s.h.

Voice Students

1. MUS 170, 171, 208, 270, 271, 319, 356, 367A, 419, 464, 468, 469
2. Class Piano: 2 s.h. through MUS 134 **or** proficiency
3. Secondary Piano: 3 s.h. (MUS 152, 252 & 352)
4. FRE 101 **or** GER 101
5. Music Electives: 2 s.h.

Instrumental Music Education Concentration

1. MUS 209, 357 or 463, 363, 364, 365, 366, 367B, 368, 372, 467, 468, 469, 472
2. a. **Wind, Percussion, or Bowed String Instrumental students:**
   Class Piano: 2 s.h. through MUS 134 **or** proficiency
   b. **Keyboard students:**
   Secondary study of Wind, Percussion, or Bowed String Instrument: 2 s.h.

IV Teacher Licensure Requirements

(See **Teacher Education Programs** for full explanation.)

1. General Education requirements as identified within each major or concentration
2. HEA 201 Personal Health
3. PSY 121 General Psychology
4. ELC 381 The Institution of Education
5. CUI 450 Psychological Foundations of Education
6. CUI 470 Reading Education
7. MUS 465 Student Teaching and 466 Student Teaching Seminar

V Electives

Electives sufficient to complete the 125 semester hours required for the degree.

Jazz Performance Major (JAZZ)

Degree: Bachelor of Music

Required: 123 semester hours, to include at least 36 hours at or above the 300 course level
MUS 090 (7 semesters)
MUS 091 (7 semesters)

AOS Code: Jazz Performance, U618

Student Learning Goals

The Bachelor of Music degree in Jazz is the initial professional degree in music. Its primary emphasis is on development of the skills, concepts, and sensitivities essential to the professional life of the jazz musician. In any of many possible roles, the professional musician must exhibit not only technical competence, but also a broad knowledge of music and music literature, the ability to integrate musical knowledge and skill, sensitivity in musical style, and an insight into the role of music in intellectual and cultural life.

REQUIREMENTS

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category **S.H.**

Students may select courses for:

Literature (GLT) 3

Historical Perspectives on Western Culture (GHP) 3

Mathematics (GMT) 3

Natural Sciences (GNS) 7
one must be a laboratory course; each must have a different departmental prefix
Philosophical, Religious, Ethical Principles (GPR) 3
Reasoning and Discourse (GRD) 6
ENG 101 or FMS 115 or RCO 101, and one additional GRD course
Social and Behavioral Sciences (GSB) 6
Department specifies courses for:
Fine Arts (GFA) 3
student may select any GFA course except MUS
One additional GLT, GFA, or GPR course 3
required: MUS 332

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Department specifies courses for:

Four (4) Global/Global Non-Western Perspectives (GL/GN)
required: MUS 135 (GN), MUS 333, any two additional GL or GN courses

Students may select courses for:

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major**. All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major**. All programs have identified at least one course among their major requirements that is taught as Writing Intensive. MUS 402 is required for the major WI course.

III Major Requirements

1. Theory: MUS 101, 102, 105, 106, 201, 202, 205, 206, 301
2. Classical Performance Studies: 12 s.h.
3. Technology: MUS 107, 108
4. Major area Performance Studies: 10 s.h. in jazz (beyond core classical studies requirement) culminating in senior recital of mainly jazz literature (must achieve 351 level in classical studies and at least 2 credits at 453 level in jazz studies)
5. Musicology: MUS 135, 332, 333, and one of the following: 431, 434, 511, 529, 530, 531, 532, 533, 534.
6. Class Piano (not required of keyboard principals): 2 s.h. through MUS 134 or proficiency
7. MUS 395: 8 s.h.
8. MUS 103, 321, 322, 372, 409, 423, 424, 460
9. Music Electives: 5 s.h. for keyboard principals; 3 s.h. for other instruments

IV Electives

Electives sufficient to complete the 123 semester hours required for the degree.

Second Academic Concentration in Music for Elementary Education Majors

Required: minimum of 18 semester hours

An 18–20 hour course of study for students majoring in Elementary Education who need a second academic concentration in a basic academic discipline. The following courses are required:

Requirements

1. Theory and Ear Training: 6 s.h.
   MUS 101, 102, 105, 106
2. Music History: 3 s.h.
   MUS 332 or 343
3. Large Ensemble: 2 s.h.
   Choose from MUS 380, 381A, 381B, 382, 388, 391, 393, 394A, 394B
4. Performance Studies* (MUS 151 or 152): 2 s.h.
5. Music Electives: 3 s.h.
   See department for list of approved courses.
6. Additional Requirements:
   Keyboard Students
   MUS 125 or 151/152 in voice: 2 s.h.
   Voice Students
   MUS 131, 132, 133 or 134: 2 s.h.
   All other instruments
   Voice lessons: 2 s.h.
   choose from MUS 125 or 152
   Piano lessons: 2 s.h.
   choose from MUS 131, 132, 133 or 134

**Piano majors may take a combination of class and private piano with at least one semester of 151/152. Voice majors may take up to two (2) semester hours of MUS 125.*

Music Minor

Required: minimum of 21 semester hours

1. Theory: MUS 101, 102, 105, 106
2. History: MUS 135
3. Performance Studies: 4 s.h. (must satisfy requirements for entrance to 251 level)
4. Large Ensemble: 4 s.h.
5. Music Electives: 4 s.h. (may not use MUS 241)

Honors in Music

Requirements

Nine (9) semester hours to consist of:

- 3 s.h. of HSS 490 Senior Honors Project
- 3 s.h. of MUS 333 Honors Music History*
- 3 s.h. of MUS 301 Honors Theory V*

**Under certain circumstances, the School of Music Honors Panel may permit a 500-level course to be taken in place of the listed required courses.*

Three (3) semester hours to consist of:

- Any 500-level course in Music
- Any Contract Honors course in Music
- MUS 493 Honors Work
- ENG 494 Honors Seminar
- Any Honors course, whether in Music or not

Qualifications

- A grade of A or B in all course work used to satisfy the Honors requirements in Music
- A declared Music Major
- At least a 3.30 overall GPA at graduation
- A Senior Project that is in the Music discipline

Recognition

The designation "Completed Disciplinary Honors in Music" and the title of the Senior Honors Project will be printed on the student's official transcript.

Honors Advisor

See School of Music office for further information and guidance about Honors in Music.

Accelerated Master's Program for Music Majors

Interested students should see **Accelerated Master's Programs for Undergraduates** on p. 348 for details about the B.A. in Music/M.B.A. program requirements.

MUSIC COURSES (MUS)

Some of the following courses may not be available every year. Please inquire at School of Music for schedule.

GE Core denotes General Education Core credit; GE Marker denotes General Education Marker credit; CAR denotes College Additional Requirement credit.

Courses for Undergraduates

090 Convocation (0:1)
- *Grade: Pass/Not Pass (P/NP).*

Weekly presentations by students, faculty and guests. See Student Information Manual. (FALL & SPRING)

091 Recital Attendance (0)
- *Grade: Pass/Not Pass (P/NP).*

Music Majors are required to attend an approved number of performances each semester. See Student Information Manual. (FALL & SPRING)

100 Fundamentals of Music (3:3)

This course is designed for non-music majors interested in learning music fundamentals (i.e., notation, intervals, scales, triads). The course assumes no prior musical training. (FALL & SPRING)

101 Music Theory I (2:3)

Pr. Music majors or minors or permission of the School

Basic principles of the Western musical language. Rhythm and meter, scales, triads, and seventh chords; fundamentals of part-writing and harmonic progression. (FALL & SPRING)

102 Music Theory II (2:3)

Pr. 101, or permission of instructor

Continued study of harmony within the diatonic major-minor system; exercises in part-writing and analysis. (SPRING & SUMMER)

103 *Principles of Jazz Theory (2:1:1)

Pr. 101 and 105, or permission of instructor

Establishes a foundation of knowledge for the study of jazz improvisation and composition, stressing jazz nomenclature, chord/scale analysis, basic chord substitution, and voice leading. (SPRING)

105 Ear-Training I (1:2)

Pr. Music majors or minors or permission of the School

Music reading and dictation. Performance, aural recognition, and notation of melody, triads, and two-voice counterpoint. (FALL & SPRING)

106 Ear-Training II (1:2)

Pr. 105, or permission of instructor

Continuation of music reading and dictation. Performance, aural recognition, and notation of melody, rhythm, harmony, and two-voice counterpoint. (SPRING & SUMMER)

107 Technology for Musicians I (1:0:2)

Pr. Music majors only

Introduction to computer/computer applications: word processing, database, spreadsheet, music notation, Internet and online library, Web page and multimedia development. Experience using, creating, and evaluating computer media for music. (FALL)

108 Technology for Musicians II (1:0:2)

Pr. 107; Music majors only.

Further study of computer hardware and software applications in music performance, research, instruction, and multimedia. Hands-on experience using, creating, and evaluating computer media for music. (SPRING)

115 Composition Skills (2:1:1)

Pr. music major or permission of the instructor
- *May be repeated for credit.*

Students will compose pieces and perform their compositions. Student works will imitate historical styles or be freely devised. Ability to read music and play an instrument or sing is required. (FALL & SPRING)

125 *Class Voice (1:0:2)
- *May be repeated for credit.*

Study of basic principles of vocal production, to include acquaintance with a variety of solo literature and the development of poise and stage deportment. (FALL & SPRING)

131, 132, 133, 134 *Class Piano (1:0:2), (1:0:2), (1:0:2), (1:0:2)

Laboratory instruction in piano. Offered as preparation for piano proficiency required of music majors whose major or principal area is not piano. 131, first level; 132, second level; 133, third level; 134, fourth level. (EACH LEVEL—FALL & SPRING)

135 Introduction to Musicology (3:3)

GE Core: GPR *GE Marker: GN*

Pr. Music major or minor or permission of instructor

Introduction to the basic tools of musicological inquiry, including music vocabulary, reading in the discipline, basic library research, and expository writing; cultural awareness; attentive listening to Western and global musics. (SPRING)

151–551 Performance Studies (.5–3:.5–2)

Pr. audition required
- *Enrollment for 2–3 credits requires coregistration in a large ensemble.*

Instruction on principal instrument or in voice. (FALL & SPRING & SUMMER)

152–352 Performance Studies (.5–2:.5–1)

Instruction for non-majors or majors on secondary instrument/voice on a space available basis. (FALL & SPRING & SUMMER)

**Open to all University students.*

170 Italian and Latin Diction for Singers (1:1:1)
Study of International Phonetic alphabet and its application to the pronunciation of Italian and ecclesiastical Latin and special problems involved in singing these languages. (FALL & SPRING)

171 English Diction for Singers (1:1:1)
Pr. 170, or permission of instructor
Study of the International Phonetic alphabet and its application to the pronunciation of English and special problems involved in singing in English. (SPRING)

201 Music Theory III Musical Structure (2:3)
Pr. 102 or permission of instructor
More advanced study of harmony and musical form within the diatonic major-minor system, with emphasis on modulation and chromatic harmony. Exercises in part-writing and analysis. (FALL & SPRING)

202 Music Theory IV Musical Structure (2:3)
Pr. 201, or permission of instructor
Basic forms and formal processes of Western music, including binary and ternary forms, theme and variations, fugue, sonata form, and rondo. Exercises in analysis. (SPRING & SUMMER)

203 Instrumentation (2:2)
Study of orchestral and band instruments, their ranges, technical limitations, and tonal possibilities with practical application in scoring for small ensembles and instrumental choirs. (FALL)

205 Ear-Training III (1:2)
Pr. 106, or permission of instructor
More advanced music reading and dictation. Performance, aural recognition, and notation of diatonic and chromatic melody, harmony, and two-voice counterpoint. (FALL & SPRING)

206 Ear-Training IV (1:2)
Pr. 205, or permission of instructor
Continuation of more advanced music reading and dictation. Performance, aural recognition, and notation of melody, harmony, and two-voice counterpoint. (SPRING & SUMMER)

208 Introduction to Teaching Instrumental Music (2:2:1)
Pr. admission to School of Music as a Choral/General Music Education major or permission of instructor
Introduction to the fundamentals of teaching instrumental music in the public schools. Includes pedagogical and performance skills in a laboratory setting. Required: choral/general music education majors. (SPRING)

209 Introduction to Teaching Choral and General Music (2:2:1)
Pr. admission to the School of Music as an Instrumental Music Education major, or permission of instructor
Introduction to general and choral methods at the secondary level. Includes vocal laboratory. Required: instrumental music education majors. (SPRING)

214 *Jazz Appreciation (3:3)
GE Core: GFA
Introductory course designed to give the student new insights and general knowledge of all jazz styles. No musical training required. (FALL & SPRING & SUMMER)

241 *Music Appreciation (3:3)
GE Core: GFA *GE Marker: GL*
- *Not open to music majors.*

Introduction to Western culture art music through a survey of its history, composers, forms, styles. Requires listening assignments and recital attendance. No musical training required. (FALL & SPRING & SUMMER)

253–453 Jazz Performance Studies (.5–2:.5–1)
Pr. audition required
- *Enrollment for 2–3 credits requires coregistration in a large ensemble.*

Instruction in jazz performance on principal instrument. (FALL & SPRING & SUMMER)

270 French Diction for Singers (1:1:1)
Pr. 170, or permission of instructor
Phonetic alphabet as it relates to French language and special problems involved in singing this language. (FALL & SPRING)

271 German Diction for Singers (1:1:1)
Pr. 170, or permission of instructor
Phonetic alphabet as it relates to German language and special problems involved in singing this language. (FALL & SPRING)

284 Fundamentals of Keyboard Accompanying I (1:1:1)
Pr. 106, or permission of instructor
Class discussion, study and performance of literature for voice and/or instruments with keyboard accompaniment. Special attention given to sight reading techniques, German Lieder and Italian opera reductions. (FALL)

285 Fundamentals of Keyboard Accompanying II (1:1:1)
Pr. 284, or permission of instructor
Class discussion, study, and performance of literature for voice and/or instruments with keyboard accompaniment. Special attention given to ensemble playing, the style of French melodie and German opera reductions. (SPRING)

300 Recital (0)
Coreq. 351
Presentation of a varied program of music. (FALL & SPRING & SUMMER)

301 Theory V, Musical Structure in the Late Nineteenth and Twentieth Centuries (3:3)
Pr. 202, 206, or permission of instructor
Techniques of pitch and temporal organization in music of the 20th century. Analysis of relevant works and composition exercises based on models. (FALL & SPRING)

302, 303 Keyboard Harmony I, II (1:0:2), (1:0:2)
Pr. 102, 106, 251 level in keyboard, or permission of instructor
A keyboard approach to the study of harmony, emphasizing extemporaneous keyboard harmonization, harmonization of melodies, and figured bass realization. (302—EVEN FALL, 303—ODD SPRING)

304 Jazz Ear Training (1:1)
Pr. 103 and 206
This course will prepare students to recognize jazz constructs by ear and will teach the skills necessary to transcribe improvised jazz solos. (SPRING)

319 Choral Laboratory I (1:1:1)
Pr. 106 or permission of instructor, 125 or one semester of voice study
Conducting techniques, especially as related to choral conducting; rehearsal procedures, continued study of choral repertory. (FALL)

320 Digital Audio and MIDI (3:2:1)
Pr. Music major or permission of instructor
In-depth introduction to the use of the computer as a tool for creating music. Resources used will include those such as Reason, Logic, Finale, and other popular music-oriented software. (FALL & SPRING)

**Open to all University students.*

321, 322 Jazz Improvisation I, II (3:3), (3:3)
Pr. MUS 101, 102, 103, 105, 106 and attainment of the 251 level in applied music
Pr. MUS 322: 321 or permission of instructor
MUS 321: Basic course for the student with little or no previous experience in jazz improvisation. First semester: essential theoretical knowledge and practical skills and practice of integrating them into improvisation. MUS 322: continued development of knowledge and skills present in 321 with emphasis on increased fluency and mastery. (321—EVEN FALL, 322—ODD SPRING)

329 History of Rock Music (3:3)
GE Core: GFA
Survey of rock music from the 1950s to the present. Emphasis will be placed on identifying specific styles and explaining the influence of key performers. (FALL & SPRING)

331 History of Western Music I (3:3)
GE Core: GHP CAR: GPM
Pr. 333, or permission of instructor
Music history of the Western tradition from its beginnings to about 1600. (FALL)

332 History of Western Music II (3:3)
GE Core: GFA
Pr. MUS 102, 106, and 135, or permission of instructor
History of Western art music traditions from the early Christian era to about 1750. (FALL)

333 History of Western Music III (3:3)
GE Marker: GL
Pr. 332, or permission of instructor
History of Western art music traditions from about 1750 to the present. (SPRING)

335 Music for the Preschool Child (2:2:1)
Pr. junior standing, or permission of instructor
Overview of purposes and content of music experiences for children from birth to four years. Developmentally appropriate teaching materials, methods, approaches, strategies, and instructional theories informing best practices are emphasized. (FALL)

338 Exploring Musical Cultures (1–3)
Pr. to be determined by needs of specific trip
Course is used for music-study trips. Offered only when a course accompanies a specific trip.

343 *Music Cultures of the World (3:3)
GE Core: GPR GE Marker: GN
Survey of major world music cultures moving from Africa through the Middle East, Iran, India, Indonesia, Japan, China, and America. (FALL & SPRING & SUMMER)

350 *Electronic Music (3:2:2)
Pr. junior standing or permission of instructor
Introductory course in electronic composition. Lecture and laboratory experience. Projects involving analog synthesis, tape techniques, computer and MIDI control of electronic instruments. (FALL)

356 General Music in the Secondary Schools (2:2:1)
Pr. passed Praxis I, or 1100+ combined math and verbal SAT score, and junior standing, or permission of instructor
An overview of current approaches to teaching general music in middle and secondary school (6–12) with emphasis on teaching strategies and materials. Includes supervised teaching practicum. (SPRING)

357 Marching Band Techniques (2:2:1)
Pr. passed Praxis I or 1100+ combined math and verbal SAT score, and junior standing, or permission of instructor
Study of marching band techniques, including drill design, auxiliary units, personnel and equipment management. (Fall)

361 Music for the Classroom Teacher (2:2:1)
Pr. junior standing or permission of instructor
Elementary school music program and its place in curriculum. Emphasis on music fundamentals, materials, teaching techniques, and interrelationship of the arts. Required for elementary education majors. (FALL & SPRING & SUMMER)

363 Teaching Strings Laboratory (2:1:3)
Pr. admission to School of Music or permission of instructor
Class instruction in orchestral bowed string instruments. Covers performance, pedagogy, and literature for teaching at elementary/intermediate level. Required: instrumental music education majors. (FALL & SPRING)

364 Teaching Brass Laboratory (2:1:3)
Pr. admission to School of Music or permission of instructor
Class instruction in brass instruments. Covers performance, pedagogy, and literature for teaching at elementary level. Required: instrumental music education majors. (FALL & SPRING)

365 Teaching Woodwinds Laboratory (2:1:3)
Pr. admission to School of Music or permission of instructor
Class instruction in woodwind instruments. Covers performance, pedagogy, and literature for teaching at elementary/intermediate level. Required: instrumental music education majors. (FALL & SPRING)

366 Teaching Percussion Laboratory (2:1:3)
Pr. admission to School of Music or permission of instructor
Class instruction in orchestral basic percussion instruments. Covers performance, pedagogy, and literature for teaching at elementary level. Required: instrumental music education majors. (FALL & SPRING)

367A General Music in the Elementary School (3:3:1)
Pr. passed Praxis I or 1100+ combined math and verbal SAT score, and junior standing, or permission of instructor
An overview of music curriculum (K–5) with emphasis on theories of learning and development in relation to music; teaching strategies and materials; includes supervised teaching practicum. (FALL)

367B Foundations of Teaching Instrumental Music (3:3:1)
Pr. passed Praxis I or 1100+ combined math and verbal SAT score, MUS 363, 364, 365, 366, and junior standing, or permission of instructor
Philosophies and methods of organizing and teaching instrumental music in the schools. Includes planning and implementing pedagogic techniques in laboratory sessions. (SPRING)

368 Band Instrument Repair (1:0:3)
Pr. instrumental methods courses and/or performance knowledge of band instruments
Mechanics of wind and percussion instruments, plus laboratory time to develop skills in repairing instruments. (SPRING)

372 Instrumental Conducting I (1:0:2)
Introductory course in instrumental conducting. Emphasis on baton technique and non-verbal communication. (FALL)

**Open to all University students.*

375 Opera Performance Techniques (2:2:2)
GE Marker: GL
Pr. permission of instructor
• *May be repeated for credit.*
Techniques for the singer-actor; study of the materials and nature of music theatre; development of basic skills required in opera/music theatre. (FALL)

380 Women's Choir (1:0:3)
Pr. membership by audition
• *May be repeated for credit.*
Choral organization for graduate and undergraduate women's voices. (FALL & SPRING)

381A Men's Glee Club (1:0:3)
Pr. membership by audition
• *May be repeated for credit.*
Choral organization for graduate and undergraduate men's voices. (FALL & SPRING)

381B Women's Glee Club (1:0:3)
Pr. membership by audition
• *May be repeated for credit.*
Choral organization for graduate and undergraduate women's voices. (FALL & SPRING)

382 University Chorale (1:0:3)
Pr. membership by audition
• *May be repeated for credit.*
Mixed choral organization of approximately 50 graduate and undergraduate singers. (FALL & SPRING)

384 Keyboard Accompanying (1:0:3)
Pr. 284/285 or permission of instructor
• *May be repeated for credit 4 semesters.*
Students are assigned vocal and/or instrumental students to accompany with literature appropriate to the student's level. Fulfills large ensemble requirement for keyboard performance majors. (FALL & SPRING)

388 Chamber Singers (1:0:3)
• *May be repeated for credit.*
Select mixed vocal ensemble of 16 graduate and advanced undergraduate singers. (FALL & SPRING)

391 University Symphony Orchestra (1:0:4)
• *May be repeated for credit.*
Full symphony orchestra, performance of important works from symphonic repertoire of eighteenth, nineteenth, and twentieth centuries. (FALL & SPRING)

393 University Wind Ensemble (1:0:4)
• *May be repeated for credit.*
Wind ensemble for advanced students. Performance of appropriate wind ensemble works from all eras. (FALL & SPRING)

394A Symphonic Band (1:0:3)
• *May be repeated for credit.*
Performance of literature from all eras, including contemporary works for this medium. (FALL & SPRING)

394B University Band (1:0:3)
• *May be repeated for credit.*
Performance of literature from all eras, including contemporary works for this medium. (FALL & SPRING)

395 Jazz Laboratory Ensemble (1:0:3)
Pr. membership by audition
• *May be repeated for credit.*
Performance of literature encompassing all of the jazz idioms with emphasis on contemporary composition. (FALL & SPRING)

396 Small Ensemble (1:0:3) or (1:0:2)
Pr. membership by audition
• *May be repeated for credit.*
Participation by audition in trios, quartets, and other ensembles appropriate to the performance area. Includes Collegium Musicum, Jazz Combo, Contemporary Chamber Players, Percussion Ensemble, Pep Band (spring semester), Opera Chorus, World Music Ensemble. (FALL & SPRING)

400 Recital (0)
Coreq. 451
Presentation of a varied program of music. (FALL & SPRING & SUMMER)

401 Jazz Piano Skills (1:1)
Pr. 103 and 134
This course teaches the basic piano chord voicings of standard jazz compositions. (FALL)

402 Seminar in Career Development (2:2)
Pr. junior-level or higher music majors only
Study of issues related to career choices, including job searching/resumé, preparation, evaluation, auditions, touring, making a CD, copyright laws, publication, preparing for graduate school, grant presentations. (SPRING)

403 String Instrument Pedagogy (3:3)
Pr. MUS 351 performance level on bowed string instrument or permission of instructor
Survey of methods and materials utilized in the teaching and performing of string instruments (ODD SPRING)

404 Woodwind Pedagogy (3:3)
Pr. MUS 351 performance level on principal woodwind instrument or permission of instructor
A survey of methods and materials utilized in the teaching and performing of woodwind instruments with special focus on the principal instrument. (EVEN SPRING)

407 Brass Instrument Pedagogy (3:3)
Pr. MUS 351 performance level on principal brass instrument or permission of instructor
Survey of methods and materials utilized in the performance and teaching of brass instruments. (ODD FALL)

408 Percussion Pedagogy (3:3)
Pr. MUS 351 performance level as percussion major or principal or permission of instructor
Survey of methods and materials utilized in the teaching and performing of percussion instruments. (EVEN FALL)

409 Jazz Pedagogy (3:3)
Pr. MUS 103, 202, 206, or permission of instructor
Principles of jazz interpretation, improvisation, and arranging. Procedures of organizing and administering jazz programs. Survey of jazz study materials. (EVEN FALL)

412 Piano Pedagogy I (3:3)
Pr. keyboard principal or major or permission of instructor
Survey of current piano teaching philosophies, methods, and materials and their application for private and group instruction. Supervised teaching of beginning piano students. (FALL)

413 Piano Literature I (3:3)
Pr. upper division students or permission of instructor
Survey of piano literature from ca. 1760–1825, with a preliminary investigation of music for other keyboard instruments from earliest extant sources. (ODD FALL)

414 Piano Literature II (3:3)
Pr. upper division students or permission of instructor
Survey of piano literature from ca. 1825 to present. (EVEN SPRING)

415 Organ Literature (3:3)
Survey of organ literature from sixteenth century to present. (OCC)

416 Piano Technique, A Pedagogical Survey (3:3)
Pr. 351 level or above in piano performance studies, or permission of the instructor
A chronological survey of theories of piano technique from the clavier methods of the early eighteenth century to the present. (ODD FALL)

417 Piano Pedagogy II (3:3)
Pr. keyboard principal or major or permission of instructor
Survey of intermediate and moderately advanced teaching literature with emphasis on basic pedagogical approaches to technique, style, and interpretation. Procedures for teaching functional skills. Supervised teaching experience. (SPRING)

419 Choral Laboratory II (2:1:2)
Pr. 206, 319, or 372; or permission of instructor
Supervised practice in conducting choral rehearsals; comparative study of rehearsal procedures and of choral objectives; continued study of choral repertory. (SPRING)

422 Guitar Literature (3:3)
Pr. two years of classical guitar study or equivalent
Survey of guitar literature from Renaissance to present; detailed study of lute tablatures, instrument construction, and development of technique. (OCC)

423 Jazz Arranging I (3:3)
Pr. 103, 201, 205, 206
Beginning study of language and techniques employed in arranging music for various jazz ensembles. (ODD FALL)

424 Jazz Arranging II (3:3)
Pr. 202, 203, 206, 423; or permission of instructor
Advanced study of techniques and disciplines employed in arranging for jazz ensembles. (EVEN SPRING)

425 *Music of Sub-Saharan Africa (3:3)
GE Marker: GN
Study of traditional and popular musics in Africa in relationship to social and historical contexts. Topics include regional styles, performers' roles, instruments, concepts and uses of music, and performance contexts.

431 Selected Topics in Ethnomusicology (3:3)
This course with rotating topics will examine particular music traditions and current issues in the field of ethnomusicology beyond the survey level. Topics may focus on geographical areas (Africa, Indonesia, Native American, etc.) or theoretical/methodological issues (Music and Gender, Music and Identity, Popular Music, Fieldwork, etc.).

434 American Music (3:3)
GE Core: GHP *CAR: GMO*
Pr. 101 and 105, or permission of instructor
History of music in America. Psalmody, ballads, spirituals, gospel, blues, jazz, bluegrass, musical theater, rhythm and blues, rock and roll, and Native American music. (SPRING)

435 Percussion Literature (3:3)
Pr. upper division percussion majors or permission of instructor
Survey of percussion literature from the medieval era to the present emphasizing the role of percussion in various musical settings. (ODD SPRING)

436 Band Literature (3:3)
Band literature and origins of the band emphasizing its import and expanded cultivation during past century in United States and Europe. (ODD SPRING)

437 String and Keyboard Chamber Literature (3:3)
Pr. upper division students or permission of instructor
Survey of string and piano chamber music literature from the seventeenth century to the present. Emphasis on historical perspectives, performance of representative works, and score analysis. (ODD FALL)

450 Electroacoustic Music Composition (3:3:3)
Pr. 350 or 550, or permission of instructor
Further exploration of compositional concepts dealing with MIDI, sound synthesis, and multitracking basic recording techniques. Includes emphasis on live, interactive electronic music resources including Max/MSP, C-sound, Reaktor, and others. (SPRING)

460 History of Jazz (3:3)
Pr. 206, 301, 331, 332, 333
Chronological survey of jazz music and jazz history. Introduction to standard reference works and investigation of socio-cultural aspects. (EVEN SPRING)

463 Advanced String Methods (2:2)
Pr. passed Praxis I or 1100+ combined math and verbal SAT score, and MUS 363, or permission of instructor
Overview of classroom methods teaching for teaching strings with am emphasis on advanced skills on secondary string instruments. (FALL)

464 Choral Music in the Secondary School (3:3:1)
Pr. passed Praxis I or 1100+ combined math and verbal SAT score, and senior standing, or permission of instructor; admission to Teacher Education
Survey of choral music instruction in secondary school, including evaluation of materials, development of teaching and rehearsal strategies, and organization of choral music program; includes supervised teaching practicum. Required of all choral/general music education majors. (FALL)

465 Student Teaching in Music (10)
Pr. 464 or 467; senior standing; admission to the professional semester for student teaching
Coreq. 466, 468, 469
Intensive, field-based internship in school music education. Includes practical applications of previous course work in supervised settings. Taught as Speaking Intensive Course. (FALL & SPRING)

466 Seminar for Student Teachers (0:0:1)
Coreq. 465, 468, 469
Forum providing special education opportunities in conjunction with student teaching experiences. Emphasis placed on professional aspects of teaching. Required: student teachers. (FALL & SPRING)

467 Instrumental Music in the Schools (3:2:2)
Pr. passed Praxis I or 1100+ combined math and verbal SAT score, senior standing, MUS 363, 364, 365, 366, 367B, and admission to teacher education
Methods of teaching instrumental music, including study of administrative procedures, repertoire, personnel, and resources; application of music teaching techniques. (FALL)

**Open to all University students.*

468 Teaching Music in a Multicultural Population (1:1)
GE Marker: GN
Coreq. concurrent enrollment in MUS 465 or permission of instructor

Seminar for prospective music teachers to develop understanding and teaching strategies for students in a broad spectrum of ethnic groups. (FALL & SPRING)

469 Teaching Music to the Exceptional Child (1:1:1)
Coreq. concurrent enrollment in MUS 465 or permission of instructor

Seminar for beginning music educators to develop skills and acquire knowledge necessary to plan for and teach exceptional students in mainstreamed and self-contained music teaching and learning environments. (FALL & SPRING)

470 Woodwind Literature (3:3)
Pr. MUS 351 performance level, or permission of instructor

Survey of woodwind solo and chamber literature, 17th century to the present. Emphasis on historical perspectives, woodwind genres, performance practice, performances of representative works, and score analysis. (ODD SPRING)

471 String Solo Literature (3:3)
Pr. upper division string students, or permission of instructor

Survey of literature for the violin, viola, cello, and bass from the seventeenth century to the present. Emphasis on historical perspectives, score analysis, aspects of performance practice, and performance of representative compositions. (EVEN FALL)

472 Instrumental Conducting II (2:1:2)

Advanced conducting techniques, with emphasis on instrumental conducting. (SPRING)

473 Brass Solo Literature (3:3)
Pr. 351 level or above in brass performance studies or consent of instructor

Survey of brass solo literature from the seventeenth century to the present. Emphasis on historical perspectives, aspects of performance practice techniques, performances of representative works, and score analysis. (EVEN FALL)

479 Music Education Workshop (1–3)
Pr. permission of School of Music, to be based upon appropriate academic or professional training
- *May be repeated once for credit if topic differs.*
- *Grade: Satisfactory/ Unsatisfactory, S/U*

Activities and study involving specific experiences related to music education. Semester hours, duration, and subject emphasis for the course will vary as announced.

493 Honors Work (3–6)
Pr. permission of instructor; 3.30 GPA in the major, 12 s.h. in the major
- *May be repeated for credit if the topic of study changes*

497 Directed Study in Music (1–3)
Pr. permission of supervising professor and Dean of School of Music
- *May be repeated for credit if topic varies.*

Supervised research in advanced subject area resulting in written document or composition. Project outline (available in School of Music office) prepared by student and supervising professor and approved by Associate Dean and Dean of School of Music. A. Directed Study in Music Education; B. Directed Study in Performance, Composition, Theory; C. Directed Study in Music History and Literature. (FALL & SPRING & SUMMER)

Courses for Advanced Undergraduates & Graduate Students

Courses in the 500 and 600 groups may not be available every year. Please inquire at School of Music for schedule. 600-level courses are not available for undergraduate students unless qualified for dual registration.

500 Organ Pedagogy (3:3)
Pr. junior, senior, or graduate keyboard major or principal

A study and evaluation of procedures used in the teaching of organ. Emphasis on skills and techniques through exercises and literature. (OCC)

507 Modal Counterpoint (3:3)
Pr. 202 and 206 or permission of instructor

Contrapuntal techniques and standard forms of Renaissance sacred vocal repertoire. Analysis of music by such composers as Josquin, Palestrina, and Lassus. Standard writing techniques of motet and mass; aural training. (SPRING)

508 Tonal Counterpoint (3:3)
Pr. 202 and 206 or permission of instructor

Contrapuntal techniques and standard forms of the middle and late Baroque. Analysis of music by composers from Corelli to Bach, composition in representative forms, and aural training. (FALL)

510 Advanced Tonal Analysis (3:3)
Pr. MUS 202 and 206 or graduate standing

Analysis of selected major compositions in the tonal repertoire. Reading and discussion of literature on theoretical concepts and on analysis and interpretation. (SPRING)

511 History of Opera (3:3)
Pr. 333 or permission of instructor

Principal opera composers and styles from Monteverdi to the present; analytical study of selected major works. (ODD SPRING)

513A, 514A Song Repertory I, II: Voice (1:0:2), (1:0:2)
Pr. Voice 251 and courses in the grammar and/or the phonetics of the language (German for 513A, French for 514A), or permission of instructor
- *Each semester may be repeated once for credit.*
- *Open to junior, senior, and graduate music majors.*

Class study of selected songs with emphasis on stylistic elements. First semester: German Lieder from Haydn through Strauss. Second semester: French song from Berlioz to present; modern English and American songs. (513A—FALL, 514A—SPRING)

513B, 514B Song Repertory I, II: Piano (1:0:2), (1:0:2)
Pr. Piano 251 or permission of instructor
- *Each semester may be repeated once for credit.*
- *Open to junior, senior, and graduate music majors.*

Class study of selected songs with emphasis on stylistic elements. First semester: German Lieder from Haydn through Strauss. Second semester: French song from Berlioz to present; modern English and American songs. (513B—FALL, 514B—SPRING)

521 *History of Art Song (3:3)
Pr. 333 or permission of instructor

Detailed study of art songs representative of various styles and periods from 1650 to the present. Emphasis on musical and poetic considerations and stylistic development of the major composers of the Lied and melodie. (ODD FALL)

525 Overview of Tonal Harmony and Form (3:3)
Pr. permission of instructor

Review of tonal harmony, voice-leading, and form. (FALL)

**Open to all University students.*

526 Overview of Western Music History (3:3)
Pr. permission of instructor
Review of western European music history from the Greeks to the present day including the classical art tradition in America. (SPRING)

528 Choral Music since 1750 (3:3)
Pr. 333 or permission of instructor
Study of significant genres and major composers of choral music since 1750; detailed examination of selected masterworks. (EVEN FALL)

529 Renaissance Music (3:3)
Pr. 331 or permission of instructor
Comprehensive, historical survey of music in fifteenth and sixteenth centuries with detailed study of representative composers evidenced in selected monumental works. Attention given to bibliography and discography for further study. (EVEN SPRING)

530 The Baroque Period in Music (3:3)
Pr. 332 or permission of instructor
Comprehensive, historical survey of music of Baroque era from Monteverdi through Bach and Handel with detailed study of styles of representative composers evidenced in selected monumental works. Attention given to bibliography and discography for further study. (EVEN FALL)

531 Classicism and Romanticism in Music: 1750–1850 (3:3)
Pr. 333 or permission of instructor
Examination of major contributions of Mozart, Haydn, Beethoven, Schubert, Berlioz, Schumann, etc., to western traditions. Special attention given to development of music for symphony orchestra and piano. (ODD SPRING)

532 The Post-Romantic Tradition in Music: 1850–1914 (3:3)
Pr. 333 or permission of instructor
Study of developments in history of music from Wagner through early Schoenberg. Special attention given to changes in styles between music and other arts. (ODD FALL)

533 Twentieth-Century Music: 1890–1950 (3:3)
Pr. 333 or permission of instructor
Survey of composers and musical styles which emerged in Europe and the Americas from impressionism through the beginnings of electronic music. (EVEN SPRING)

534 Music Since 1945 (3:3)
Pr. 333 or permission of instructor
Study of creative trends and issues in music and related media in Europe and the United States since World War II. (EVEN FALL)

538 The Symphonic Tradition (3:3)
Pr. 332, 333 or permission of instructor
Advanced study of symphonic styles and techniques from Baroque era to present. (EVEN SPRING)

541 Principles of Vocal Pedagogy (3:3)
Pr. senior or graduate standing as a voice major or principal or permission of instructor
Teaching process as applied to singing. Includes historical development and an examination and comparison of concepts and approaches past and present. (FALL)

550 *Electronic Music (3:2:2)
Introductory course in electronic composition. Lecture and laboratory experience. (FALL & SPRING) (Same as MUS 350)

566 Orchestration (3:3)
Advanced techniques in instrumental scoring for large ensembles such as orchestra, wind ensemble, and jazz ensemble. Historical and stylistic analysis of the art of orchestration. Additional practical exercises in scoring and arranging for small and large ensembles.

589 Experimental Course: Orchestral Reduction—Vocal Repertoire (1:0:2)
Study and performance of works within the vocal repertoire that have been transcribed from an orchestral, chamber orchestra, or instrumental ensemble version to a piano arrangement. (Offered fall '06 and spring '07)

Please refer to The Graduate School Bulletin
for additional graduate-level courses.

**Open to all University students.*

School of Nursing

112 Moore Building
336/334-5010
www.uncg.edu/nur

FACULTY

Lynne G. Pearcey, Professor and Dean
Virginia B. Karb, Associate Professor and Associate Dean
Eileen M. Kohlenberg, Associate Professor and Associate Dean
Debra Wallace, Professor and Director of Research
Professors C. Blue, H. Brown, R. Cowling
Associate Professors Barba, P. Crane, Dick, Ivanov, E. Jones, Kennedy-Malone, Krowchuk, Letvak, Lewallen, Tesh
Clinical Associate Professors Clapp, Cowen, DeBrew, D. Hancock, D. Herron, Helfers, Lehman, Lutz, McNeal, Sandoval, VonCannon
Assistant Professors E. Amoako, Bartlett, J. Hu, Kautz, Rossen, M. Shattell, E. VanHorn
Clinical Assistant Professors S. Collins, C. McNeill
Clinical Instructors Bannon, Cunningham, M. Hancock, J. Kordsmeier, J. Leiper, Stanford, R. Upadhyaya
Visiting Assistant Professors R. Buck, Maree, M. Rieker
Lecturers S. Douglas, S. Fuller, J. Miller

ADJUNCT FACULTY

Adjunct Associate Professors J. Schrull, Woodard
Adjunct Clinical Associate Professor Packheiser
Adjunct Assistant Professors Barham, E. Beard, Jarrett-Pulliam, B. Johnson, K. Johnson, C. King, Liner, Matthews, S. Ouellette, B. Smith
Adjunct Instructors J. Barba, Bensky, Crumb, Darnell, Delametter, Ellis, E. Hyde, Johnson, Kearney, A. McMurren, Murphy, A. Myers, R. Ouellette, Owens, Patton, Shedlick, L. Stone, J. Thomasson-Waters, A. Wadsworth, B. Weatherington, J. Wessman

Mission Statement

As an integral academic unit of The University of North Carolina at Greensboro, the School of Nursing is dedicated to teaching, research, and service that contribute to the maintenance and improvement of health for individuals, families, and communities. With a commitment to excellence, the School of Nursing provides mutually supportive undergraduate and graduate nursing programs.

Students are afforded opportunities at various stages of their lives to obtain an education that is firmly grounded in the liberal arts, congruent with standards for professional nursing practice, and preparatory for lifelong learning and professional development. The School of Nursing is dedicated to the primacy of teaching that is based in scholarship and to the advancement of knowledge through research. The intellectual resources of the School of Nursing are used to provide professional and public services to a global society.

As part of an urban university, the School of Nursing recognizes its responsibility to provide exemplary learning environments on campus, through distance education, and in underserved areas of North Carolina. The School of Nursing is committed to sustaining a community in which women and men of any racial or ethnic identity, age or background are motivated to develop their full potential and to achieve an informed appreciation of their own and different cultures.

The School of Nursing offers an undergraduate program leading to the Bachelor of Science in Nursing degree. The first two years of study are in general education, basic sciences, humanities, and basic nursing. The majority of work in the junior and senior years is in nursing.

The School of Nursing offers a Master of Science in Nursing degree to prepare persons for a leadership role in nursing education, administration, and clinical practice. This program has a strong research emphasis and is founded on specialization in clinical practice. The School, along with the Bryan School of Business and Economics, offers the M.S.N./M.B.A. The School of Nursing offers the Ph.D. in Nursing to prepare nurses as scientists in academia and industry.

Accreditation

The program offered by the School of Nursing is approved by the North Carolina Board of Nursing. It is accredited by the National League for Nursing Accrediting Commission (NLNAC). For information, contact the NLNAC at 61 Broadway, New York, NY 10006, 212/363-5555. The School of Nursing is an agency member of the National League for Nursing in the NLN Council of Baccalaureate and Higher Degree Programs.

The School of Nursing is accredited by the Commission on Collegiate Nursing Education (CCNE), One Dupont Circle, NW, Suite 530, Washington, DC 20036-1120, 202/887-6791.

Philosophy

The philosophy of the faculty at the School of Nursing is a statement of the beliefs and values they hold about the discipline and profession of nursing as well as nursing education. The conceptual framework and the goals of the undergraduate and graduate programs are built upon this philosophy.

Nursing is both a practice discipline and a profession. Comprising the discipline is a unique body of knowledge that is integral to nursing practice, nursing education, and nursing administration. The body of knowledge is continuously developed and refined as an outcome of scientific, historical, philosophical, and ethical inquiry and clinical evaluation. Nursing knowledge is generated about health experiences and behaviors of persons across the life span. Clinical evaluation advances nursing knowledge through the testing and validation of interventions that are used in nursing practice, nursing education, and nursing administration. The metaparadigm concepts of person, environment, health, and nursing form the foundation upon which inquiry and the profession are based.

Professional nurses use knowledge developed by the discipline to promote optimal health in people and to achieve professional goals. Nursing is an essential component of the health care delivery system and includes the promotion of wellness, the detection of alterations in health, and the provision of care for those with illness, disease, or dysfunctions. Professional nursing is characterized by inquiry, caring, and practice. Nurses are professionally, ethically, and legally accountable for the care they provide, and their practice includes independent and interdependent functions.

Professional nursing education is built upon a foundation of liberal arts, humanities, and the sciences, and it provides opportunities for learners to attain competencies required to practice professional nursing at differentiated levels. Mature learners identify their own learning needs and assume responsibility for continued learning. Effective teachers establish an inviting learning environment that promotes collaboration among themselves and their learners for achievement of educational goals. Baccalaureate education prepares nurses to function as generalists, while education at the master's level prepares nurses as advanced practitioners in a speciality area. At the doctoral level, nurses are prepared as scientists to practice in academia and industry.

Admission for Pre-licensure Students

Students must be formally admitted to the School of Nursing which is an upper division major. Only students who have formal, written acceptance into the School will be permitted to register in advanced nursing courses and complete work for the major. Admission should normally be sought during the sophomore year. The application deadline is February 1 of each year. Applications are obtained from the Advising Center in the School of Nursing. Transcripts from all post-secondary schools attended must be submitted with the application.

Technical Standards for Admission, Academic Progression, and Graduation in the B.S.N. Pre-licensure Nursing Program

Consistent with its mission and philosophy, the School of Nursing at The University of North Carolina at Greensboro is committed to providing educational opportunities to students. The School of Nursing programs prepare students to think critically and practice nursing competently and compassionately in rapidly changing practice environments. All efforts are designed to build nursing knowledge, enhance nursing practice and patient safety, foster professional integrity, and ultimately improve the health outcomes of individuals, families, groups, and communities across the continuum of care.

In addition, certain functional abilities are essential for the delivery of safe, effective nursing care. Therefore, the faculty has determined that the following technical standards and skills are requisite for admission, progression, and graduation from the nursing program:

Communication Skills

- Sufficient skills to communicate effectively and sensitively with patients, family members and other members of the health care team
- Sufficient skills to convey or exchange information at a level allowing development of a health history, identifying problems, explaining alternative solutions; teaching, directing, and counseling during treatment and post-treatment
- Sufficient skills to communicate in ways that are safe and not unduly alarming to patients, family members, and other members of the health care team

Cognitive, Conceptual, and Quantitative Skills

- Sufficient skills to read and understand written documents in English
- Sufficient skills in problem solving including measurements, calculation, reasoning, analysis, and synthesis
- Sufficient skills to comprehend three-dimensional and spatial relationships

Motor Skills

- Sufficient skills to execute movements required to provide general care and treatment to patients in all health care settings
- Sufficient skills include gross and fine motor skills, physical endurance, physical strength and mobility to carry out nursing procedures, perform basic laboratory tests, and provide routine and emergency care and treatment to patients

Behavioral Skills

- Sufficient skills to relate to patients, family members, other members of the health care team and colleagues with honesty and integrity, and without discrimination
- Sufficient skills for the development of a mature, sensitive and effective therapeutic relationship with clients
- Sufficient skills to adapt to changing environments, to display flexibility and to learn to function in the face of uncertainties inherent in the clinical problems of many patients
- Sufficient skills reflecting an ethical behavior, including adherence to the professional nursing code of ethics and student honor codes

Sensory/Observation Skills

- Sufficient skills to observe and learn from demonstrations in the clinical skill laboratory course, from demonstrations in the patient care areas, and observations of the patient and the patient's environment
- Sufficient skills to perform health assessments and interventions; observe diagnostic specimens; and obtain information from digital, analog, and waveform representations of physiologic phenomena to determine a client's condition

Individuals unable to meet these technical standards will be counseled to pursue alternate careers.

Minimum Criteria to Remain a Nursing Major Prior to Admission to the Clinical Courses, Pre-licensure Program

1. Nursing majors must earn a 2.0 or higher in their first semester in order to remain a declared Nursing major. Students with a GPA below 2.0 after their first semester must change to a major other than Nursing.
2. After attempting 30 semester hours at UNCG, Nursing majors must have a 3.0 or higher cumulative UNCG GPA to remain a declared Nursing major. Students not meeting this requirement must change to a major other than Nursing.

3. Students wishing to change their major to Nursing from another major must have a 3.0 or higher cumulative UNCG GPA to do so.
4. Transfer students with more than 30 transferred hours must earn a 3.0 or higher UNCG GPA on the first 12 hours attempted at UNCG in order to remain a declared Nursing major. Students not meeting this requirement must change their major out of Nursing.
5. Incoming transfer and second-degree students must have a transfer GPA of 3.0 or greater to declare Nursing as their major upon admission to the University.

Minimum Criteria for Admission

1. Overall grade point average of 3.0 or higher
2. A grade of B- (2.70) or higher in NUR 210 and 220
3. A grade of C (2.0) or better in each of the following courses: BIO 271, 277, 280; HDF 211; PSY 121; CHE 104; SOC 101 or 202 or ATY 100.
4. No more than two of the above prerequisite courses may be repeated to earn the minimum required grade or better. Prerequisite courses may be repeated only one time.
5. Admission to the upper division is contingent upon receipt of a satisfactory evaluation signed by the student's physician of the applicant's physical and emotional health to provide nursing care. Forms will be sent to the applicants during the spring semester and must be completed and on file in the School of Nursing by the following July 1.

Students may not enroll in nursing courses beyond the foundation level courses cited above without being admitted to the School. Application for admission is possible while students are still completing the prerequisite courses, but unconditional admission cannot be granted until admission criteria have been successfully completed.

Admission to the University does not guarantee acceptance into the nursing major. Various health care agencies in Piedmont North Carolina cooperate with the School of Nursing in providing clinical learning experiences for students. The size of each incoming junior class is determined by the availability of these clinical resources. Therefore, it is impossible to assure space for every student who meets the criteria.

Priority Admissions

Priority in admission (subject to space availability) will be granted to students who meet the following criteria:

a. Enter UNCG as new, first-time freshmen
b. Declare nursing as a major by the tenth day of class of the first semester
c. Earn a cumulative GPA of 3.50 by the end of the third semester
d. Complete all but one of the required science courses (CHE 104, BIO 271, BIO 277, BIO 280) by the end of the third semester (courses must be completed at UNCG) with a 3.0 (B) or better in each course
e. Complete three (3) semesters at UNCG (minimum of 45 s.h.)
f. Receive a positive evaluation from the faculty member in NUR 210 lab, and
g. Meet all other admission requirements for the upper-division nursing major.

Students who do not meet the criteria for Priority Admissions above, but who meet the Minimum Criteria for Admission, may still apply for admission. The process for admission will consider the following:

a. Cumulative GPA for all college-level courses completed
b. Grades earned in the required science, social science, and English courses
c. Grade improvement over time
d. Probability of completing all required courses in the next four semesters
e. Nursing 210 reference form or equivalent
f. Availability of space.

Registered Nurses

RNs interested in completing the B.S.N. degree need to meet the University's requirements for admission. A registered nurse who brings advanced placement may build a minor in order to complete the 122 semester hours required for graduation. The Registered Nurse who has completed the prerequisite academic work and is ready to enter the professional major may earn up to 30 hours of credit for selected courses by special examination. Applications for special examinations are available in the Advising Center of the School of Nursing. Registered nurse students must make a C (2.0) or better in NUR 370 and 371 and a passing grade for the special examinations to be admitted into the 400-level nursing courses. Registered Nurse students must provide evidence of current, active, unrestricted RN licensure prior to admission to the required 300-level courses, and must have a current, active, unrestricted North Carolina RN license prior to enrollment in the required 400-level courses. Registered Nurse students who hold unrestricted RN licenses in states covered by the multistate Nurse Licensure Compact do not need to be licensed separately in North Carolina, unless they become residents of North Carolina. See the NC Board of Nursing Web site at www.ncbon.org. The length of time required to complete the program varies with each individual.

Criteria for Progression in the Major

1. Students must earn a grade of C (2.0) or better in all required 300- and 400-level nursing courses in order to progress and graduate. An overall grade point average of 2.0 or better is required to graduate.
2. Failure to earn a grade of C (2.0) or better will result in immediate dismissal from the School of Nursing.
3. Students in the upper division clinical nursing courses who interrupt their studies for personal or academic reasons for longer than one year must reapply for admission to the upper division. (This item does not apply to RN to B.S.N. students).
4. The required 300- and 400-level courses in the pre-licensure program are designed to be completed in two academic years. Students who voluntarily withdraw from one or more of these required courses are considered to have withdrawn from the program and must apply for readmission prior to enrolling in the next semester.

Grading in Practicum and Laboratory

A grade of unsatisfactory in lab or clinical practicum in nursing courses will result in a course grade of F.

Appeal Procedure Related to Progression Policies

If a student wishes to appeal a policy in the School of Nursing, the student should complete a "Student Appeal Request." The Student Admission, Progression, and Appeals Committee hears student appeals. Students may obtain the request form and discuss the appeals process with the Chair of the Committee or the Associate Dean (undergraduates) or the Director of Graduate Studies (graduate students). The Student Appeal Request form may be printed from the School of Nursing Web site, www.uncg.edu/nur.

General Information

1. Nursing majors are required to purchase uniforms—estimated cost is $180. Uniforms are required for clinical activities in the 300- and 400-level nursing courses. Students usually purchase uniforms in the second semester of the sophomore year.
2. Students will be charged for costs associated with course activities, including the cost of liability (malpractice) insurance (required for students in any clinical course), end of program diagnostic or assessment tests, and junior level lab kits.
3. Students enrolled in 300- and 400-level courses with a clinical component are responsible for their own transportation to and from the agencies used for clinical activities/practicum experiences. Car owners are reminded that current liability insurance is required by North Carolina law.
4. Students admitted to the major must provide evidence of the following by July 1 (forms will be sent to students earlier in the summer):
   a. A tuberculin Mantoux skin test (or chest X-ray if skin test is positive)—annual requirement
   b. A tetanus toxoid immunization—every ten years
   c. Rubella and Measles evidence as required by the University
   d. History of Mumps or Mumps immunization
   e. Evidence of chicken pox immunization or positive titre
   f. All students beginning clinical courses must have evidence of Hepatitis B immunization. Students who begin their series of immunizations after January 1, 2007 must also have evidence of a post-vaccination positive titer, or evidence of revaccination, unless they are still in the initial course of immunization. For students in the pre-licensure program, the initial series must be started prior to the first year of clinical, and a positive titer or evidence of beginning the second series of immunization is required prior to the start of the second year of clinical.
   g. Rarely, immunization requirements must be changed on short notice. Students will be informed of changes as soon as they occur.
   h. Students beginning clinical courses during the spring semester must submit their immunization information by the preceding December 1.
5. All students enrolled in clinical courses must provide evidence that they are certified to perform cardiopulmonary resuscitation (CPR), and must remain certified.
6. Registered Nurse students are responsible for the items listed under "General Information" above, with the following modifications:
   a. Registered Nurses are not required to purchase uniforms, but must wear identifying name tags and lab coats or uniforms appropriate to the clinical setting. Specific requirements will be discussed in each clinical course.
   b. Immunization requirements listed must be on file in the School of Nursing prior to beginning a clinical course. Forms are sent to students who preregistered for clinical courses. Students who do not preregister and have not received the immunization forms should stop by the Advising Center of the School of Nursing to obtain the forms.
7. Students are responsible for all costs associated with their own health care. Students are encouraged to have health insurance, and to be familiar with its provisions.
8. Beginning January 1, 2005, all nursing students must have an approved criminal background check prior to beginning clinical activity. For RN to B.S.N. students, results must be submitted prior to beginning NUR 474 or any other course with a clinical component (by August 1 for fall semester or December 1 for spring semester). For students in the pre-licensure program, results must be submitted by July 1, prior to enrolling in the required 300-level nursing courses. The University has contracted with CertifiedBackground.com to perform this service. The cost is to be paid by the student.

   The results will be kept in the student's School of Nursing file and will be destroyed upon graduation, withdrawal, or termination from the program. The Associate Dean for Undergraduate Programs will receive the results of the criminal background check of each undergraduate student. The School will not use this information in any way except to verify to clinical agencies that students have been subjected to the background check and to release a copy of the information to the agency, if requested. Students must sign two release forms (copies available in the Associate Dean's Office), which will authorize the release of the information to the clinical agency, if requested.

   This criminal background check does not replace the one that will be done by the NC Board of Nursing prior to initial licensure as a Registered Nurse (see item #14).

   It is up to the student to contact CertifiedBackground.com to initiate the background check. Go to www.certifiedbackground.com and click on Students. The package code for UNCG School of Nursing is NC74. Print the results of the background check and present it to the Associate Dean or the Director of Undergraduate Advising by the deadline listed above prior to the start of the first course with clinical activities.

9. Substitutions for prerequisite courses may be made with prior approval from the Office of the Associate Dean, School of Nursing.
10. Qualified students are encouraged to take Honors courses in the arts and sciences.
11. All students are encouraged to take either Advanced Placement Exams, Biology Department exemption exam, or CLEP exam for BIO 111 which is prerequisite for BIO 271, 277, and 280.
12. The pre-licensure B.S.N. program is designed to be completed in eight (8) semesters [four (4) academic years] of full-time study. Some students may wish to spread the requirements over 10 semesters, or to attend summer school. Depending on the number of transfer hours a student brings to UNCG, Registered Nurses may be able to complete the program in three (3) semesters of full-time study, but part-time study is also available.
13. A detailed School of Nursing Student Handbook that contains additional information is available on the Web at www.uncg.edu/nur.
14. Graduates of the pre-licensure program are eligible to apply for licensure as a Registered Nurse. Applicants for initial licensure in North Carolina must have a criminal background check. See the Web page for the NC Board of Nursing at www.ncbon.org for questions.

Policies for Nurses

Policy on Unsafe Practice

The nursing faculty of the School of Nursing have an academic, legal, and ethical responsibility to prepare graduates who are competent as well as to protect the public and health care community from unsafe nursing practice. It is within this context that students can be disciplined or dismissed from the School of Nursing for practice or behavior which threatens or has the potential to threaten the safety of a client, a family member or substitute familial person, another student, a faculty member, or other health care provider.

I. Student Awareness

All students are expected to be familiar with the principles of safe practice and are expected to perform in accordance with these requirements. Within courses, counseling and advising processes, and other instructional forums, students will be provided with the opportunity to discuss the policy and its implications.

II. Definition

An unsafe practice is defined as:

a. An act or behavior of the type which violates the North Carolina Nursing Practice Act, Article 9 of chapter 90 of the North Carolina General Statutes (NCGS §90-171.37; §90-171.44)
b. An act or behavior of the type which violates the Code of Ethics for Nurses of the American Nurses' Association
c. An act or behavior which threatens or has the potential to threaten the physical, emotional, mental or environmental safety of the client, a family member or substitute familial person, another student, a faculty member or other health care provider
d. An act of behavior (commission or omission) which constitutes nursing practice for which a student is not authorized or educated at the time of the incident.

III. Investigation and Evaluation of an Unsafe Practice

When an incident occurs which a faculty member believes may constitutes an unsafe practice, he/she shall immediately notify the student and instruct the student to leave the clinical setting. The faculty member will notify the Course Chair and/or Department Chair within the School of Nursing.

The Course Chair and/or Department Chair will investigate the incident within three working days to determine whether there are grounds for believing that an unsafe practice has occurred. If the incident is minor, the faculty member, in consultation with the Course Chair or Department Chair may require remedial work or instruction for the student.

If the incident is major, the Course Chair or Department Chair, in consultation with the involved faculty member, will review the student's clinical performance evaluations, academic record, and potential for successful completion of the major in nursing. Based upon this careful and deliberate review, a decision to reprimand the student, require withdrawal from the clinical course, or to dismiss the student from the School will be made.

The Dean will be informed of the decision and will send written notification of the decision to the student via certified mail.

Should the student wish to appeal the decision, the student will submit a written request to the School of Nursing Student Admission, Progression and Appeals Committee. The Department Chair will provide the accumulated correspondence or documentation related to the issue to the committee. A request for an appeal should occur within seven (7) working days of receipt of written notification of the decision from the Dean.

IV. Hearing Process

The Chair of the School of Nursing Student Admission, Progression, and Appeals Committee will thereafter notify the student, the faculty member, Course Chair, and Department Chair as to the time and place for a hearing.

The Committee will hold a closed hearing within ten (10) days of receipt of the request for an appeal, at which time the faculty member, Course Chair, and Department Chair may be present and provide documentation and other oral or written evidence regarding the incident. The student may be present and will be given an opportunity to provide documentation and other oral or written evidence regarding the incident. The student will be allowed an advocate/support person at the hearing; however, the support person cannot be an attorney, and will not be permitted to speak.

Following the factual presentation, the Committee will convene in executive session to review the actions taken against the student for unsafe practice and to make a recommendation regarding the resolution of the incident. The Committee will base its recommendation on the evidence presented at the hearing.

The Committee shall make its recommendation in writing to the Dean and forward pertinent documentation. The Committee may recommend the following remedies: support for the action take, remedial work or instruction, a reprimand, withdrawal from the course, or dismissal from the School of Nursing.

V. Post-Hearing Process

The Dean may accept or reject the Committee's recommendation. The Dean's decision will be made after review of the minutes of the hearing and report of the Committee. The Dean will notify the student and the faculty member(s) as to the decision made.

Dismissal from the School of Nursing does not constitute dismissal from the University.

A student who has been dismissed may reapply for admission to the School of Nursing. The application will be reviewed by the School of Nursing Student Admission, Progression and Appeals Committee.

Graduate students in the School of Nursing should refer to the current Graduate School Bulletin for the "Policy on Unsafe Practice" for graduate students.

Policy on Dismissal of Students Who Present Physical or Emotional Problems That Do Not Respond to Treatment

Students can be dismissed from the School of Nursing for Physical and/or emotional problems that do not respond to appropriate treatment and/or counseling within a reasonable period of time.

I. Investigation and Evaluation

When faculty members identify a student that presents physical and/or emotional problems that do not respond to appropriate treatment and/or counseling, they immediately suspend the student from the course. Faculty notify the Course Chair and/or Department Chair within the School of Nursing. Upon determination by the faculty, Course Chair, and Department Chair, that the physical and/or emotional problems warrant dismissal from the School of Nursing, the Dean will be notified. The Dean, in consultation with the faculty, and upon review of the documentation, will make a decision regarding dismissal of the student from the School of Nursing. The Dean will send written notification of the decision to the student. Should the student wish to appeal the decision the student will submit a written request to the School of Nursing Student Admission, Progression and Appeals Committee. The Dean will provide the accumulated correspondence or documentation related to the issue to the committee.

A request for an appeal should occur within seven working days of written notification of the decision from the Dean.

II. Hearing Process

The Chair of the School of Nursing Student Admission, Progression, and Appeals Committee will thereafter notify the student, the faculty member, the Course Chair, and Department Chair as to the time and place for a hearing to determine whether the physical and/or emotional problems warrant dismissal.

The committee will hold a closed hearing within ten days at which time the faculty member, Course Chair, and Department Chair will be present and will provide documentation and other oral or written evidence regarding the incident. The student will be present and will be given opportunity to provide documentation and other oral or written evidence regarding the problem.

The student will be allowed an advocate/support person at the hearing; however, the support person cannot be an attorney, and will not be permitted to speak.

Following the factual presentation, the Committee will convene in executive session to determine whether the problem warrants dismissal from the School. The Committee shall make its recommendation in writing to the Dean and forward pertinent documentation. The Committee may recommend dismissal from the School of Nursing major, or reinstatement in the program.

III. Post-Hearing Process

The Dean may accept, reject, or modify the Committee's recommendation. The Dean's decision will be made after review of the minutes of the hearing and report of the Committee. The Dean will notify the student and the faculty member(s) as to the determination.

Dismissal from the School of Nursing does not constitute dismissal from the University.

A student who has been dismissed may reapply for admission to the School of Nursing under the provisions published in the *Undergraduate Bulletin*. Graduate students in the School of Nursing should refer to the current edition of *The Graduate School Bulletin* for the "Policy on Dismissal of Students Who Present Physical and/or Emotional Problems that do not respond to Treatment" for graduate students.

Tuition and Financial Aid

Detailed information about tuition, financial aid application procedures, and undergraduate scholarships can be found in the section **Financial Aid**.

Nursing Major (NURS)

Degree: Bachelor of Science in Nursing (B.S.N.)

Required: 122 semester hours, to include at least 36 hours at or above the 300 course level

AOS Codes:

Nursing, U701
Nursing/RN to B.S.N., U702
Nursing/RN 2Plus Program, U710
Outreach Programs:
Nursing/RN to B.S.N., U702
Nursing/RN 2Plus Program, U710

Student Learning Goals

The baccalaureate program of the School of Nursing prepares graduates to:

1. Practice professional nursing through the use of knowledge, critical thinking, inquiry, communication, and caring.

2. Function independently and interdependently in the health care system while providing nursing care to individuals, families, groups, and communities.

REQUIREMENTS FOR THE B.S.N.

I General Education Core Requirements (GEC):

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	3
One additional GLT, GFA, or GPR course	3
Historical Perspectives on Western Culture (GHP)	3
Reasoning and Discourse (GRD)	6
ENG 101 or FMS 115 or RCO 101, and one additional GRD course	
Department specifies courses for:	
Philosophical/Religious/Ethical Perspectives (GPR)	3
required: PHI 121 or 220	
Mathematics (GMT)	3
required: STA 108 (prerequisite to NUR 415 or 473)	
Natural Sciences (GNS)	7–8
required: CHE 104 and 110L and one additional GNS course	
Note: BIO 111 is the required prerequisite for the three required 200-level biology courses (BIO 271, 277, 280). Students who complete the entire biology sequence at UNCG will typically fulfill the second GNS requirements with BIO 111. NTR 213 also satisfies GNS.	
Social and Behavioral Sciences (GSB)	6
required: PSY 121, and one additional GSB course selected from SOC 101 or 202 or ATY 100	
Note: HDF 211 also meets the GSB requirement.	

II General Education Marker Requirements: B.S.N.

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers, at least one of which must carry the GN marker
Note: ATY 100 carries the GN marker.

Department specifies course for:

One Speaking Intensive (SI) Course
In addition to the SI Marker requirement indicated above, **students must also complete a second SI course within the major**: required: NUR 440.

One Writing Intensive (WI) Course
In addition to the WI Marker requirement indicated above, **students must also complete a second WI course within the major**: required: NUR 310.

III Major and Related Area Requirements

1. NUR 210[1], 220[1], 310, 320, 340, 360, 380, 410, 415, 420, 425, 430, 435, 440
2. BIO 271[3], 277[3], 280[3]; CHE 104[2, 3] and 110L[2]; HDF 211[2]; NTR 213[2]; PHI 121[2] or 220[2]; PSY 121[2]; SOC 101[2] or 202[2] or ATY 100[2]; STA 108[2]

[1]*Students must have a 3.0 GPA or higher to enroll in NUR 210 and 220. Through August 2004, NUR 210 met the requirement of one Writing Intensive course in the major.*

[2]*PHI 121 or 220 satisfies GPR; STA 108 satisfies GMT; NTR 213 and CHE 104 & 110L satisfy GNS; PSY 121, and one of SOC 101, SOC 202, or HDF 211 satisfy GSB; ATY 100 also meets the GN Marker requirement; SOC 202 also meets a GL Marker requirement.*

[3]*BIO 271, 277, and 280 have a prerequisite of BIO 111, which satisfies one GNS requriement; CHE 104 has a prerequisite of CHE 103.*

IV Electives

Electives must be sufficient to complete 122 total semester hours required for degree.

NOTE: Requirements listed above in item 2, with the exceptions of PHI 121 or 220, STA 108, NTR 213, and electives, must be completed prior to enrolling in 300-level or 400-level nursing courses. Because of the time commitments involved with the 300- and 400-level nursing courses, and the difficulties in scheduling non-nursing courses concurrently with nursing courses, students should try to have most GEC course requirements completed prior to entering the upper division major.

REQUIREMENTS FOR REGISTERED NURSE PROGRAM

(including 2Plus Students)

NOTE: Students who graduate from associate degree nursing programs, including 2Plus programs, are not required to meet the UNCG General Education Requirements (GEC) in the categories of Social and Behavioral Sciences (GSB), Natural Sciences (GNS), or Reasoning and Discourse (GRD). Students who graduate from diploma nursing programs will be expected to meet requirements for all GEC categories outlined in chapter 5. Graduates of foreign nursing programs will be advised on an individual basis.

I General Education Core Requirements (GEC): for 2Plus Students

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Two courses from any of the three following categories: Literature (GLT), Fine Arts (GFA), Philosophical/Religious/Ethical (GPR)	6
Historical Perspectives on Western Culture (GHP)	3
Department specifies courses for:	
Mathematics (GMT)	3
required: STA 108	

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)

two courses carrying GL/GN markers, one of which must carry the GN marker

Department specifies courses for:

Speaking Intensive (SI)

one course carrying the Speaking Intensive (SI) marker: required: NUR 472

Writing Intensive (WI)

one course carrying the Writing Intensive (WI) marker: required: NUR 370

III Major and Related Area Requirements for all Registered Nurses

1. Completion of Special Examinations at a satisfactory level
2. NUR 370, 371, 470, 471, 472, 473, 474, and one NUR elective
3. STA 108 (satisfies the GMT requirement)

IV Electives

Electives must be sufficient to complete 122 total semester hours required for degree.

Course Requirements for Special Student Populations

Licensed Practical Nurse Students seeking a B.S.N.

Same as for the B.S.N. program outlined above, with the following exceptions:

1. LPN students must hold a current, active unrestricted LPN license in North Carolina, or in a state covered by the multi-state Nurse Licensure Compact. For questions see the NC Board of Nursing Web site at www.ncbon.org.
2. May earn credit (4 s.h.) for the following course by examination: NUR 210.

Students pursuing the B.S.N. as a second degree

1. Prerequisite courses include anatomy, physiology, microbiology, NUR 210 and NUR 220 prior to entering the upper division major. STA 108 or its equivalent is a required pre- or corequisite for NUR 415. The same "Minimum Criteria for Admission" on p. 292 apply.
2. Second degree students must also apply for admission to the upper division major.
3. Completion of other University requirements for the degree.
4. Satisfactory completion of the required 300- and 400-level courses (NUR 310, 320, 340, 360, 380, 410, 415, 420, 425, 430, 435, 440)

Registered Nurse Students seeking a B.S.N.

1. Satisfactory completion of NUR 370 and 371.
2. May earn credit (30 s.h.) for the following courses by examination: NUR 210, 220, 310, 320, 340, 360, and 380. The cost of taking the exams one time is approximately $180. There is an additional charge to the student for posting credit to the transcript.
3. Satisfactory completion of NUR 470, 471, 472, 473, 474, and one NUR elective. Example nursing electives include NUR 330, 345, 405, and 500-level nursing courses.
4. Completion of the GEC requirements (See chapter 5 of this *Undergraduate Bulletin*)
5. Students must also meet the Residency Requirement of 31 s.h. of course work earned at UNCG. Credit for the Special Examinations does not apply toward the Residency Requirement.
6. Completion of sufficient electives to earn a minimum of 122 s.h.
7. Completion of other University requirements for the degree.
8. RN students must hold a current, active unrestricted RN license in North Carolina, or in a state covered by the multi-state Nurse Licensure Compact. For questions see the NC Board of Nursing Web site at www.ncbon.org.

Honors in Nursing

The International Honors College offers Nursing students three possible Honors programs: General-Education Honors (freshmen and sophomores), Disciplinary Honors in Nursing (juniors and seniors), and Full University Honors in Nursing. For information about these options, see **Honors Programs.**

Disciplinary Honors in Nursing

Requirements

- UNCG GPA of 3.30 of higher at graduation
- At least 12 s.h. of Honors course work with grades of at least B (3.0) as follows:
  - ❖ 6–9 s.h. of Honors course work in the major (contract courses* in Nursing, NUR 493, or any 500-level NUR courses), and/or
  - ❖ 1–3 s.h. of other Honors course work, and
  - ❖ 3 s.h. in the form of HSS 490: Senior Honors Project

**Contract courses in Nursing include the following:*

Pre-licensure program: NUR 310, 320, 330, 340, 345, 360, 405, 410, 415, 420, 430

RN to B.S.N. program: NUR 330, 370, 371, 405, 470, 471, 472, 473, 474

Recognition

Students who complete Disciplinary Honors receive a *Certificate of Disciplinary Honors in Nursing* and have that honor, along with the title of their Senior Honors Project, noted on their official transcripts. Students who complete both General-Education Honors and Disciplinary Honors are distinguished for special recognition and receive a *Certificate of Full University Honors in Nursing.*

Honors Advisor

See Ms. Debra Stanford, Moore Nursing Building, for advisement regarding Honors in Nursing.

NURSING COURSES (NUR)

Courses for Undergraduates

110 Introduction to Nursing: Academic Preparation and Professional Practice (2:2)

Pr. freshman pre-nursing major or permission of course faculty

Introduction to professional nursing practice with an emphasis on development of academic skills and knowledge of learning resources related to the nursing major. (FALL & SPRING)

210 Concepts in Nursing (4:3:3)

Pr. sophomore standing; overall GPA 3.0 or higher, and completion of BIO 271 or 277 with a grade of C or better

Coreq. concurrent enrollment in BIO 271, 277, or 280, if not already completed

- *Students must receive a grade of B- or higher in NUR 210 for acceptance into the Nursing Major.*

Introduction to basic concepts in nursing. Laboratory activities encourage self-awareness and include exercises in values clarification and communication patterns, with practice of basic nursing skills. (FALL)

220 Nursing Assessment of Well Individuals (4:3:3)

Pr. sophomore standing; overall GPA 3.0 or higher; completion of NUR 210 with a grade of B- or higher; completion of at least two (2) of the following with grades of C or higher: BIO 271, 277, 280

- *Students must receive a grade of B- or higher in NUR 220 for acceptance into the Nursing Major.*

Introduction to basic nursing assessment of well individuals over the life span. Laboratory activities encourage development of skills in interviewing, physical examination, and documentation of information. (SPRING)

310 *Nursing Care of Individuals with Psychosocial Problems (5:3:6)

Pr. NUR 210, 220; overall minimum GPA of C (2.0)

- *Taught as Writing Intensive.*

Nursing care of individuals who have mental health or psychosocial problems. Clinical activities in selected mental health settings. (FALL & SPRING)

320 *Nursing Care of Adults: Common Physiological Problems (5:3:6)

Pr. NUR 210, 220; overall minimum GPA of C (2.0)

Nursing care of adults who have common physiological problems. Clinical activities in medical or surgical units within acute care settings. (FALL & SPRING)

330 Health of Women (3:3)

Women and their health. Incorporating selected health issues, physical and developmental changes in the life cycle, health maintenance, and health problems. (OCC) (Elective credit for nursing majors)

340 *Nursing Care of the Developing Family (5:3:6)

Pr. NUR 210, 220; overall minimum GPA of C (2.0)

Nursing care of growing children in maturing family. Wellness emphasized, with the study of illness, disease, or dysfunction. Clinical activities in agencies where care is provided for children. (FALL & SPRING)

345 Basic Health Management of Children (3:3)

Pr. HDF 211

Health appraisal and recognition of symptoms of illness in children. Emphasizes needs of children in group settings from infancy through elementary school age.

360 *Nursing Care of the Emerging Family (5:3:6)

Pr. NUR 210, 220; overall minimum GPA of C (2.0)

Nursing care of families experiencing birth of an infant. Wellness emphasized, with the study of illness, disease, or dysfunction. Clinical activities in agencies where care is provided for parents and newborns. (FALL & SPRING)

370 Concepts of Professional Nursing (3:3:0)

Pr. must be licensed Registered Nurse; overall minimum GPA of C (2.0)

- *Taught as Writing Intensive (WI).*

Study of basic concepts in professional nursing. (FALL & SPRING)

371 Nursing Health Assessment (3:2:3)

Pr. must be licensed Registered Nurse; overall minimum GPA of C (2.0)

Study of the health assessment of individuals over the life span. Laboratory activities promote the development of assessment skills. (FALL & SPRING)

380 Nursing Skills (2:1:3)

Pr. 210 and 220

Introduction and practice of nursing skills necessary for care of clients in clinical settings. (FALL)

390 Culture and Health Care (3:3)

GE Marker: GN

Role of culture in structure and delivery of health care in Asia, Africa, Latin America, Eastern Europe, and with selected indigenous peoples.

405 Pharmacology in Nursing (3:3)

Pr. admission to the School of Nursing or permission of instructor

Study of major drug groups and their action, use, side effects, and nursing care considerations. Emphasis on nursing care and teaching, built upon physiology and basic pharmacology. (SPRING)

410 Nursing Care of the Community of Older Adults (3:3)

Pr. 310, 320, 340, 360, or equivalent; overall minimum GPA of C (2.0)

Nursing care of older adults: theories of aging, physiological/psychological functioning, impact of developmental changes, illness, and dysfunction. (FALL)

415 Nursing Leadership, Management, and Research (3:3)

Pr. 310, 320, 340, 360, or equivalent; overall minimum GPA of C (2.0)

Pr. or Coreq. STA 108 or equivalent

Introduction to the role of the professional nurse in leadership, management, and research in health care organizations across the continuum of care. (FALL)

420 Nursing Care in the Community (3:3)

Pr. 310, 320, 340, 360, or equivalent; overall minimum GPA of C (2.0)

Nursing care of individuals, families, and groups within the community setting. Exploration of environmental characteristics and resources. (FALL)

425 *Nursing Practicum I (4:0:12)

Coreq. 410, 415, and 420; overall minimum GPA of C (2.0)

- *Grade: Pass/Not Pass (P/NP)*

Clinical application of theories, concepts, and research in gerontological and community nursing. Emphasis on the leadership/management roles of the professional nurse. (FALL)

430 *Care of Individuals with Complex Illness (5:3:6)

Pr. 410, 415, 420, and 425; overall minimum GPA of C (2.0)

Nursing care of individuals/families with complex, multi-system illness. A case study approach to plan, manage, and evaluate patient care outcomes. (SPRING)

**Students must provide own transportation to practicum experiences.*

435 National Council Licensure Examination Review for Registered Nurses (2:1:3)
Pr. 410, 415, 420, and 425; overall minimum GPA of C (2.0)
Coreq. 430
- *Grade: Pass/Not Pass (P/NP)*

Preparatory review for the National Council Licensure Examination for Registered Nurses. (SPRING)

440 *Nursing Practicum II (6:1:15)
Pr. 430; overall minimum GPA of C (2.0)
Coreq. 435
- *For senior level baccalaureate nursing students in their final semester of the major.*
- *Grade: Pass/Not Pass (P/NP)*
- *Taught as Speaking Intensive (SI).*

A concentrated 7½ week practicum where students simulate the roles of the employed graduate under the guidance of a selected nursing preceptor and a faculty facilitator. (SPRING)

442 Best Practices in Care of the Older Adult (3:3)

Culturally and developmentally appropriate nursing care practices for older adults.

460 Experimental Course: Summer Nursing Practicum: Nursing Care of Vulnerable Adult Populations (3:1:6)
Pr. current unrestricted N.C. license as a registered nurse

Clinical application of theories and concepts in community health and gerontological nursing through clinical practice in a School of Nursing Health Center, providing care to vulnerable adults. (Offered summer '07)

470 Community Health Nursing Concepts and Care (3:3)
Pr. completion of 370 and 371, and successful completion of the NLN ACE II Examinations or equivalent; overall minimum GPA of C (2.0)
- *Current unrestricted North Carolina RN license or unrestricted RN license in a state covered by the multi-state Nurse Licensure Compact*

Nursing concepts and care of individuals, families, and groups within community settings. (FALL)

471 Nursing Care of the Older Adult (3:3)
Pr. completion of 370 and 371, and successful completion of the NLN ACE II Examinations or equivalent; overall minimum GPA of C (2.0)
- *Current unrestricted North Carolina RN license or unrestricted RN license in a state covered by the multi-state Nurse Licensure Compact*

Nursing concepts and care of older adults: theories of aging, physiological/psychological functioning, impact of developmental changes, illness, and chronic dysfunction. (SPRING)

472 Nursing Leadership and Management (3:3)
Pr. completion of 370 and 371, and successful completion of the NLN ACE II Examinations or equivalent; overall minimum GPA of C (2.0)
- *Current unrestricted North Carolina RN license or unrestricted RN license in a state covered by the multi-state Nurse Licensure Compact*
- *Taught as Speaking Intensive (SI).*

The professional nurse's role in applying principles of leadership and management in health care organizations across the continuum of care. (FALL)

473 Nursing Research (3:3)
Pr. completion of 370 and 371, and successful completion of the NLN ACE II Examinations or equivalent; overall minimum GPA of C (2.0)
Pr. or Coreq. STA 108 or equivalent
- *Current unrestricted North Carolina RN license or unrestricted RN license in a state covered by the multi-state Nurse Licensure Compact*

Introduction to nursing research and the professional nurse's role in research. (SPRING)

474 *Nursing Practicum, RN-B.S.N. (4:1:9)
Pr. or Coreq. 470, 471, 472, 473; overall minimum GPA of C (2.0)
- *Current unrestricted North Carolina RN license or unrestricted RN license in a state covered by the multi-state Nurse Licensure Compact*

Clinical application of theories, concepts, and research in community health and gerontological nursing. Emphasis on the roles of the professional nurse in leadership, management, and research. (FALL OR SPRING)

492 Independent Study (1–3:1–3)
Pr. approval must be granted by a nursing faculty member prior to registration.
- *May be repeated for credit.*

Guided readings in nursing as an individual project designed with a focus on the nursing profession and/or nursing practice. Course offering is dependent on faculty availability.

493 Honors Work (3–6)
Pr. 3.30 GPA in the major, 12 s.h. in the major.
- *May be repeated for credit if the topic of study changes.*

496 Nutrition as a Nursing Intervention (3:3)

Nursing implications of nutrition for management of selected conditions and disease states.

Courses for Advanced Undergraduates & Graduate Students

505 Computer Applications in Nursing (3:2:3)
Pr. basic understanding of microcomputers or permission of instructor
- *Not recommended for Nursing Administration majors.*

An introduction to computer applications in nursing. Practical experience with microcomputers and generic software applicable to patient care and nursing management. Lab assignments will vary to meet specific learning needs.

540 Budget Development and Analysis of Nursing Services (3:3)

An introduction to the principles of fiscal management, health care agency accounting practices, and nurse manager's role in the budgeting process.

541 Nursing Case Management: Coordinating Systems of Care (4:2:6 for advanced baccalaureate students who desire to aply for post baccalaureate certificate program) (3:2:3 for advanced baccalaureate students who desire elective credit or plan to apply for M.S.N.)
Pr. licensure as a Registered Nurse

Theory and practice of nursing case management for diverse populations across the health care continuum. (FALL)

**Students must provide own transportation to practicum experiences.*

550 Pathophysiology for Advanced Nursing (3:3)
The physiological changes across the life span and common pathophysiological mechanisms.

551 Instructional Technologies in Nursing and Patient Education (3:3)
Selection, development, use, and evaluation of instructional media and technologies for diverse populations in nursing practice and education settings.

561 Scope of Gerontological Healthcare (3:3)
Aging theories and concepts; demographics, health problems, treatments, supports, and the role of the gerontological heathcare professional.

580 Psychoneuroimmunology and Holistic Care (3:3)
Mind-brain-body interactions and holistic views of health. Relation of traditional, integrative, alternative and complementary therapies to holistic care.

581 End-of-Life Care (3:3)
Critical aspects of interdisciplinary approaches to quality care at end-of-life. Includes palliative care, family, advocacy, culture, special populations, systems of care, financial issues, life threatening illnesses, and sudden death.

Please refer to The Graduate School Bulletin *for additional graduate-level courses.*

Department of Nutrition

School of Human Environmental Sciences
318 Stone Building
336/334-5313
www.uncg.edu/nutrition

FACULTY
Deborah Kipp, Professor and Chair of Department
Professors Loo, Lovelady, McIntosh, Sims, Wander
Associate Professor Taylor
Assistant Professors Brown, Erikson, Haldeman, Morrison, Savoca
AP Assistant Professor Scott
Instructors Allen, Rhodes, Strickland
Adjunct Professors Dillard, Gruchow, Sandford
Adjunct Associate Professors Halverson, Katula, Raner

Nutrition Major (NUTR)

Degree: Bachelor of Science

Required: 122 semester hours, to include at least 36 hours at or above the 300 course level

Available Concentrations and AOS Codes:
Human Nutrition and Dietetics, U552 (ADA Didactic Program in Dietetics)
Nutrition Science, U550
Nutrition and Wellness, U533

The Department of Nutrition offers course instruction, research experience, and fieldwork opportunities. The curriculum is designed to train students in the following three areas of focus:

1. **Human Nutrition and Dietetics**—develops and educates students to work as agricultural extension agents; dietitians in hospitals, long-term care facilities and public health programs; nutrition education specialists; sports nutrition; consultants and entrepreneurs. The Human Nutrition and Dietetics concentration is the Didactic Program in Dietetics and meets the academic requirements of the American Dietetic Association (ADA). Students completing this concentration meet academic requirements for a dietetic internship or preprofessional practice program. The Didactic Program of Dietetics is currently granted approval status by the Commission on Accreditation for Dietetics Education of the American Dietetics Association, 120 S. Riverside Plaza, Suite 200, Chicago, IL 60606, 312/899-0040.
2. **Nutrition Science**—prepares students for entry into medical, dental, chiropractic or graduate school; trains students for research and development in the biomedical, biotechnical, and pharmaceutical industries.
3. **Nutrition and Wellness**—provides instruction and experience in the basic nutritional sciences, community nutrition, public health education, and exercise & sport science, enabling graduates to work in a variety of settings such as voluntary and community health organizations, health care, government, education, and the fitness industry. This concentration also prepares students for graduate training in nutrition, public health education, and exercise & sport science.

Criteria for Progression in the Major

A student must earn a grade of C (a C- is not acceptable) or better in all required NTR courses to graduate in each of the three concentrations offered by the department. A student must also earn a C (a C- is not acceptable) or better in MAT 115, ACC 201, BIO 111, BIO 277, CHE 103, CHE 104, and CHE 110 to progress in the major. Furthermore, students must earn a C or better in prerequisite courses for NTR 531, 560, and 573 to enroll in these courses (see course listings). A student may not receive credit for any NTR course by special examination.

No NTR course or related area course for which a grade of C (a C- is not acceptable) or better is required for the major may be taken more than twice. Students who receive a grade below C, which includes a C-, twice in the same NTR course or related area course for which a grade of C or better is required for the major will be dropped from the major.

Suggested Academic Workload Guidelines

The faculty of the Department of Nutrition recognizes that many of its students must hold jobs to support college expenses. The faculty wishes to emphasize that academic excellence and scholastic achievement usually require a significant investment of time in study and out-of-class projects.

To provide guidance to students in planning their academic and work schedules, the faculty have endorsed the following recommendations:

1. In general, students should plan to devote between 2–3 hours outside of class for each hour spent in class. Thus, students with a 15-hour course load should schedule between 30–45 hours weekly for completing outside-of-class reading, study, and homework assignments.
2. Students who are employed more than 5–10 hours each week should consider reducing their course loads (semester hours), depending upon their study habits, learning abilities, and course work requirements.

REQUIREMENTS

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
One additional GLT, GFA, or GPR course	3
Historical Perspectives on Western Culture (GHP)	3
Reasoning and Discourse (GRD)	6
ENG 101 or FMS 115 or RCO 101, and one additional GRD course	
Department specifies courses for:	
Mathematics (GMT)	3
required for Nutrition & Wellness and Human Nutrition & Dietetics: STA 108	
required for Nutrition Science: MAT 115	
Natural Sciences (GNS)	7
required for Nutrition Science: BIO 111 and CHE 111	
required for Human Nutrition & Dietetics, and Nutrition & Wellness: BIO 111 and CHE 103	
Reasoning and Discourse (GRD)	6
required for Nutrition and Wellness: ENG 101 or FMS 115 or RCO 101, and CST 105	
Social and Behavioral Sciences (GSB)	6
required for Human Nutrition & Dietetics and Nutrition and Wellness: PSY 121 and one additional GSB course	
required for Nutrition Science: any two GSB courses	

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers, at least one of which must carry the GN marker

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major**. All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major**. All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III Major and Related Area Requirements

Students must earn grades of C or better in each course that is **bolded**.

Human Nutrition and Dietetics Concentration

1. NTR **103, 213, 302, 303, 309, 313, 403, 413, 423, 531, 550, 560, 573, 576** or ESS **375**
2. Related areas: ACC **201**; BIO **111***, **277**, 280; CHE **103***, **104, 110, 205, 206**; ISM 110; MAT **115***; PSY 121*; STA 108*

**STA 108 satisfies GMT; BIO 111 and CHE 103 satisfy GNS requirement; MAT 115 satisfies GMT; PSY 121 satisfies one GSB requirement.*

Nutrition Science Concentration

1. NTR **213, 302, 313, 413, 531, 550, 560, 573**
2. Related areas:
   BIO **111***, 112, **277**, 355, 356, 481; CHE 111*, 112, 114, 115, 351, 352, 354; ISM 110; MAT **115***; STA 108

**MAT 115 satisfies GMT; BIO 111 and CHE 111 satisfy GNS.*

Nutrition and Wellness Concentration

1. NTR **103, 213, 302, 303, 313, 403, 413, 423, 550, 576**
2. Public Health Education courses: HEA **201***, **308**, and three (3) of the following: HEA **207, 310, 314, 315, 316, 330, 333, 334, 347, 450, 470, 471**
3. Exercise and Sport Science courses: ESS 220, 375, 376
4. Natural Sciences courses: BIO **271, 277**; CHE **104, 110**
5. Counseling and Education course: CED 310
6. Mathematics course: MAT **115** or pass placement exam
7. Additional requirements: BIO **111***; CHE **103***; CST 105*; PSY 121*; STA 108*; ISM 110

**STA 108 satisfies GMT; BIO 111 and CHE 103 satisfy GNS requirement; CST 105 satisfies one GRD requirement; HEA 201 and PSY 121 satisfy the GSB requirement.*

IV Electives

Electives sufficient to complete total semester hours required for degree.

Honors in Nutrition

Requirements

Nine (9) semester hours to consist of:

- Spring semester of junior year: 3 s.h. of NTR 493
- Fall semester of senior year: 3 s.h. of NTR 493
- Spring semester of senior year: 3 s.h. of HSS 490
- 3 s.h. of any 500-level NTR course or any contract Honors course in NTR

Qualifications

- A grade of A or B in all course work used to satisfy the Honors requirements in Nutrition
- A declared Nutrition Major
- At least a 3.30 overall GPA at graduation

Recognition

The designation "Completed Disciplinary Honors in Nutrition" and the title of the Senior Honors Project will be printed on the student's official transcript.

Honors Advisor

See Lauren Haldeman for further information and guidance about Honors in Nutrition.

Nutrition Minor

Required: minimum of 18 semester hours

AOS Code: U553

Required courses: NTR **103, 213**, and four of the following: **302, 303, 313, 403, 413, 423, 531, 543, 550, 560, 573, 576**

A student must earn a grade of C or better in each NTR course that is bolded in order to have that course count toward the minor.

NUTRITION COURSES (NTR)

GE Core denotes General Education Core credit; GE Marker denotes General Education Marker credit; CAR denotes College Additional Requirement credit.

Courses for Undergraduates

103 Food Selection and Preparation (3:2:3)
Pr. MAT 115; restricted to Nutrition majors and minors and Hospitality & Tourism Management majors
Basic scientific principles of food preparation with emphasis on standards of selection, purchasing, preparation, storage, and preservation. (FALL & SPRING)

213 Introductory Nutrition (3:3)
GE Core: GNS CAR: GLS
Basic principles of human nutrition with emphasis on the nutrients and factors which affect their utilization in the human body. (FALL & SPRING)

302 Nutrition Education and Application Processes (3:3)
Pr. 213 and ISM 110, or permission of instructor
Study of communication of nutrition science through nutrition education, professional literature, and public media. Evaluation and use of professional and scientific literature in nutrition and food systems. (FALL & SPRING)

303 Food Sanitation and Safety (1:1)
- *Students taking this course qualify to take the ServSafe certifying exam.*

Study of foodborne illness and contamination, prevention, and government regulations as they apply to the foodservice industry. (FALL & SPRING)

309 Quantity Food Procurement and Production (3:2:3)
Pr. NTR 103 and ACC 201
Procurement and production of quantity foods with an emphasis on menu planning, pre-preparation, service, sanitation, delivery systems, selection, use, and care of quantity-food equipment. (FALL & SPRING)

313 Nutrition Throughout the Life Cycle (3:3)
Pr. 213 or permission of instructor
Principles of nutrition applied to meet the nutrient needs at different stages of the life cycle. Forces governing food availability, acceptability, nutritive quality and safety are stressed in the preparation of nutritional plans for individuals and groups. (SPRING)

401 Special Problems in Nutrition (1–4)
Individual study. Conference hours to be arranged.

403 Food Science and Technology (2:2)
Pr. NTR 103, 213, 302; CHE 101 or 103 or 111
Coreq. NTR 403L
Lecture covering experimental study of factors regulating the preparation of standard food products and review of current developments in food technology. (FALL & SPRING)

403L Food Science and Technology Laboratory (1:0:3)
Pr. NTR 103, 213, 302; CHE 101 or 103 or 111
Coreq. NTR 403
Laboratory covering experimental study of factors regulating the preparation of standard food products and review of current developments in food technology. (FALL & SPRING)

413 Intermediate Nutrition (3:3)
Pr. NTR 213, BIO 111, BIO 277, CHE 103, CHE 104
Digestion, absorption, transport, metabolism, and function of macro- and micronutrients and phytochemicals, with emphasis on their roles in health promotion and disease prevention. (FALL)

423 Community Nutrition (3:2:3)
Pr. 302 and 313, or permission of instructor
Current trends in community nutrition with emphasis on community services, government projects, and international health organizations. (SPRING)

426 Management Practices for Dietetics (3:2:3)
Pr. NTR 309
Management practices and administration within foodservice and clinical dietetics settings. Operational assessment, evaluation, and cost control related to foodservice systems in commercial and noncommercial settings. (SPRING)

427 Undergraduate Research (2–6)
Pr. GPA of 3.0 in nutrition, biology, and chemistry courses, or permission of the instructor
- *May be repeated for credit if topic changes.*

Individual study.

469 Internship in Nutrition Management (9:0:25)
Pr. 303, 309, or equivalent, and permission of instructor
Internship experience in selected foodservice operations to enhance the educational experience. 400 hours on site plus written and oral final presentation required.

493 Honors Work (3–6)
Pr. permission of instructor; 3.30 GPA in the major, 12 s.h. in the major
- *May be repeated for credit if the topic of study changes.*

Courses for Advanced Undergraduates & Graduate Students

500 Supervised Professional Experience (1–4:0:3–12)
Supervised professional experience in selected commercial or industrial organizations, public or private agencies in accordance with the major course of study of the student.

531 Nutrition and Human Metabolism (4:4)
Pr. grade of C or better in BIO 277, NTR 413, and CHE 103 or 111, 104 or 114, 110 or 112, 205 or 351, 206 or 354 or their equivalents as determined by the instructor

Structure, function, and metabolism of nutrients and related compounds; integration of nutrient metabolism at the cellular level with total body function; practical application of basic principles of nutrient metabolism. (SPRING)

534 Nutrition and Human Metabolism Laboratory (2:1:3)
Pr. general chemistry and organic chemistry with labs; 531 (may be taken concurrently)

Analytical procedures, their rationale and interpretations, applicable to the study of human metabolism.

543 Maternal and Infant Nutrition (3:3)
Pr. 213 or equivalent, and BIO 277 or equivalent

Nutritional needs of pregnant and lactating women, and infants; methods of evaluating nutritional status of these groups; effects of nutrition on pregnancy outcome and infant development.

550 Nutrition Assessment (3:2:3)
Pr. BIO 277; NTR 213, 313, 413

Assessment of nutritional status of healthy and ill persons before initiation of medical nutrition therapy. (FALL)

553 Child and Adolescent Nutrition (3:3)
Pr. 213 or equivalent, and BIO 277 or equivalent

Nutritional needs of children and adolescents; methods of evaluating nutritional status of these groups; effects of nutrition on development.

560 Advanced Nutrition (4:4)
Pr. grade of C or better in NTR 313, 413, 531, and BIO 277, or equivalents as determined by the instructor

Biochemical and physiological aspects of nutrient metabolism and utilization. Nutrient requirements for maintenance, growth, pregnancy, lactation, work, and aging. (FALL)

573 Medical Nutrition Therapy (4:3:2)
Pr. grade of C or better in NTR 313, 413, 531, 550, 560, and BIO 277

Clinical aspects of nutrition. Development and use of therapeutic diets to combat nutritional diseases and physiological disorders. (SPRING)

576 Nutrition and Physical Fitness (3:3)
Pr. BIO 277, NTR 213, and NTR 413 or equivalent required. ESS 375 or 575 recommended

Metabolism during exercise, ergogenic aids, nutrients' effects on performance, and body composition alterations during training. Gender and age-specific needs and responses to exercise and dietary intake. (FALL) (Same as ESS 576)

Please refer to The Graduate School Bulletin *for additional graduate-level courses.*

Department of Philosophy

College of Arts & Sciences

216 Foust Building
336/334-5059
www.uncg.edu/phi

FACULTY
Gary Rosenkrantz, Professor and Head of Department
Professors Hoffman, Leplin, McConnell, Zimmerman
Associate Professors Gert, Jones, King
Assistant Professor Lefkowitz
Lecturers Gallimore, Hands, Maki

The Department of Philosophy offers courses on the fundamental problems and methods of philosophy, the classics of philosophical literature, and the major figures in the history of philosophy.

Philosophy courses fall into natural groups.

A. Ethics and Theory of Value: 119, 121, 220, 321, 322, 331, 335, 361, 545
B. Logic, Epistemology, and Philosophy of Science: 115, 310, 311, 319, 325, 523, 525, 527, 555, 575
C. History of Philosophy: 251, 252, 351, 353
D. Metaphysics: 359, 357, 559, 565

Groups A and B are useful preparation for careers in law and government, and the department offers a major in philosophy with a Prelaw concentration. Group B provides knowledge and skills vital to careers in science and medicine. Group C relates philosophy to other humanistic disciplines and is vital to a liberal education. Group D is necessary for advanced work in philosophy.

All courses under 300 and many higher level courses are open to students without previous training in philosophy. Prerequisites for other courses may be waived at the discretion of the instructor. Students are encouraged to begin work in philosophy by taking 111, 115, 119, 251, 252, or 310.

The department sponsors a philosophy club open to all undergraduates, regardless of major. Each year the department sponsors a number of lectures by distinguished scholars from other institutions. The department conducts a biannual symposium on a topic of current research in philosophy.

There is a chapter of the national philosophy honor society, Phi Sigma Tau, at UNCG. Qualified students are invited to join this chapter.

Each year the department considers applications from undergraduates for The Roger Schwirck Philosophy Award.

Philosophy Major (PHIL)

Degree: Bachelor of Arts

Required: 122 semester hours, to include at least 36 hours at or above the 300 course level

Available Concentrations and AOS Codes:
Philosophy, U189
Philosophy Prelaw, U190

The Philosophy Major is recommended for students wishing a basic education in the liberal arts, students preparing for a career in law or government, and students contemplating graduate study in philosophy or a related discipline. Students who would like to major in philosophy but whose interests or career goals require substantial work in another field are encouraged to consider the option of a second major.

The Prelaw concentration provides a strong preparation for law school through courses in logic, epistemology, ethics, political philosophy, and the philosophy of law. These courses cover a broad range of skills and knowledge that are of fundamental importance in the field of law.

REQUIREMENTS

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
Mathematics (GMT)	3
Natural Sciences (GNS)	6–7
one must be a laboratory course; each must have a different departmental prefix	
Reasoning and Discourse (GRD)	6
ENG 101 or FMS 115 or RCO 101, and PHI 310	
Social and Behavioral Sciences (GSB)	6
Department specifies courses for:	
One additional GLT course *(student may select)*	3
Historical Perspectives on Western Culture (GHP)	3
required: PHI 251	

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers, at least one of which must carry the GN marker

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major**. All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major**. All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III College of Arts and Sciences Additional Requirements (CAR)

See pp. 89–91 for details and courses meeting CAR GPM/GMO and GLS/GPS requirements.

Historical Perspectives on Western Culture	3
one GMO course: PHI 252	
Natural Sciences (GNS)	3–4
any GLS or GPS course	
Social and Behavioral Sciences (GSB)	3
any additional GSB course with a different departmental prefix	
Foreign Language (GFL)	0–12
intermediate-level proficiency in one language, demonstrated by placement test, or by completing course work through course number 204	

Writing Intensive Courses (WI)
a total of four WI courses

IV Major Requirements

Minimum of 27 semester hours in philosophy courses, including at least 24 hours above the 100 level and at least 18 hours above the 200 level.

1. PHI 310*
2. PHI 251* and 252*
3. PHI 494

**PHI 310 satisfies three (3) semester hours of GRD; PHI 251 satisfies GHP and CAR GPM; PHI 252 satisfies CAR GMO.*

Prelaw Concentration

In addition to the major requirements, the Prelaw concentration requires the following:

(a) PHI 115, and
(b) either PHI 319 or 325 or 555, and
(c) either PHI 119 or 121 or 220 or 321, and
(d) either PHI 331 or 545, and
(e) PHI 335

Note that if a student uses a 100-level course to satisfy (c) of the Prelaw Concentration requirements, the minimum number of hours in Philosophy needed to complete the Prelaw Concentration increases from 27 to 30 hours.

V Related Area Requirements

Related courses to be determined by department advisor where necessary.

VI Electives

Electives sufficient to complete the 122 semester hours required for degree.

Philosophy as a Second Major

The requirements for a second major in philosophy are the same as the requirements for a first major.

Philosophy as a Second Academic Concentration for Elementary Education and Special Education Majors

Required: minimum of 18 semester hours

1. Core courses: PHI 251, 252, 310
2. Nine (9) s.h. from PHI courses above the 200 level

Philosophy Minor

Required: minimum of 18 semester hours

AOS Code: U189

The Philosophy Minor requires a minimum of 18 semester hours including PHI 251 and 252.

PHILOSOPHY COURSES (PHI)

GE Core denotes General Education Core credit; GE Marker denotes General Education Marker credit; CAR denotes College Additional Requirement credit.

Courses for Undergraduates

111 Introduction to Philosophy (3:3)
GE Core: GPR

Discussion of views and methods of major philosophers. Topics drawn from metaphysics and epistemology, such as the foundations and scope of human knowledge, personal identity, freedom and determinism, and the mind-body problem.

115 Practical Reasoning (3:3)
GE Core: GRD

Introduction to basic principles of reasoning and argumentation. Topics taken from syllogistic reasoning, probability, informal fallacies, the structural analysis of statements, and scientific methods.

119 Introduction to Ethics (3:3)
GE Core: GPR

Fundamental questions of ethics, such as the nature of the distinction between good and evil, moral right and wrong, the foundation of moral judgments, relativism, absolutism, and subjectivism. Readings from major figures in the history of ethics.

121 Contemporary Moral Problems (3:3)
GE Core: GPR

Philosophical readings and discussion of such current topics as abortion, euthanasia, capital punishment, censorship, sexual morality, affirmative action and preferential hiring, environmental ethics, population control, and the morality of war.

220 Medical Ethics (3:3)
GE Core: GPR

Moral problems in medicine including the patient's right to know, the confidentiality of doctor-patient communications, informed consent and experimentation with human subjects, abortion, euthanasia, socialized medicine, conflicts between medicine and religion, and genetic engineering.

251 History of Ancient Philosophy (3:3)
GE Core: GHP GE Marker: GL CAR: GPM

Survey of Western philosophical thought in the ancient period from the pre-Socratics, Plato, Aristotle, the Sceptics, Stoics, Epicureans. Particular choices of texts and philosophical ideas may vary.

252 History of Modern Philosophy (3:3)
GE Core: GHP GE Marker: GL CAR: GMO

Survey of Western philosophical thought in the seventeenth and eighteenth centuries, its historical background and its influences on subsequent intellectual developments. Reading from major figures of the period, such as Descartes, Locke, Berkeley, Leibniz, Spinoza, Hume, and Kant.

267 Existentialism (3:3)

Introduction to the fundamental ideas of existentialism. Readings from Kierkegaard, Heidegger, Sartre.

301 Topics in Philosophy (3:3)
• *May be repeated for credit when topic varies.*

Variable content.

310 Introduction to Formal Logic (3:3)
GE Core: GRD

Validity, consistency, implication, and the formal analysis of language. Propositional logic and quantification theory.

311 Intermediate Formal Logic (3:3)
Pr. 310 or permission of instructor

Quantification theory with completeness results, identity, functions, decidability, and axiomatic methods.

319 Knowledge, Truth, and Belief (3:3)

Discussion of concepts central to an understanding of the nature of human knowledge, such as truth, evidence, certainty, intuition, perception, the reasonableness of belief, and the reliability theory of justification.

321 Ethical Theory (3:3)

Analysis of the meaning of moral concepts such as good, right, ought, duty, and of the nature of ethical argument. Attention to current theories in normative ethics.

322 Philosophy of the Arts (3:3)

Philosophical problems concerning description, interpretation, and evaluation of the visual, performing, and literary arts, discussed generally and in relation to specific works of art. Readings in philosophy and art theory.

325 Introduction to the Philosophy of Science (3:3)
Pr. one course in logic, mathematics, or natural science

Concepts important to an understanding of the nature and goals of research in the natural sciences, such as observation, experiment, theory, law, and explanation. Philosophical problems about objectivity and conceptual change in science based on examples from the history of science. Nature of scientific knowledge.

330 Philosophy in Literature (3:3)

Basic philosophical issues in literature such as personal identity, the problem of evil, free will, ethical ideals, the nature of reality, truth in literature, and reference to fictional objects. Major works of fiction studied for their philosophical content.

331 Social and Political Philosophy (3:3)
GE Core: GPR

Major writings on social freedom or liberty, coercion, human rights, justice, and the basis of political authority.

335 Philosophy of Law (3:3)

Theories of the origin and justification of legal systems, our obligation to obey the law, justice, punishment, and related issues. Readings from classical and contemporary sources.

336 Philosophy of Crime and Punishment (3:3)
GE Core: GPR

Critical discussion of philosophical questions raised by criminal law, including the moral justification of punishment, the theoretical underpinnings of various criminal defenses, and the conceptual distinctions among types of crimes. (SPRING)

338 Ethics and International Affairs (3:3)
GE Core: GPR

Critical discussion of topics such as human rights, the morality of war and terrorism, international distributive justice, poverty and international aid, self-determination and secession, immigration policy, and global environmental issues. (FALL OR SPRING)

348 Existentialism, Phenomenology, and Structuralism (3:3)
Recent philosophical movements in France and Germany. Application of structuralist models to the human sciences. Post-structuralist developments such as Deconstruction and Hermeneutics. Selections from such writers as Husserl, Levi-Strauss, Foucault, Lacan, Althusser, Derrida, Gadamer, and Ricoeur.

351 Major Philosophers (3:3)
- *May be repeated for credit when topic varies.*

Systematic examination of the works of a major philosopher.

353 Major Philosophies (3:3)
- *May be repeated for credit when topic varies.*

Systematic examination of a major historical movement in philosophy, such as rationalism, empiricism, positivism, materialism, and idealism.

357 Metaphysics (3:3)
Pr. one course in philosophy
Selected metaphysical issues such as personal identity and the immortality of the soul, freedom and determinism, the nature of space, time and substance, the problem of universals, forms of realism, and theory of reference.

359 Philosophy of Religion (3:3)
GE Core: GPR
Arguments concerning God's existence, the problem of evil, God's foreknowledge and human freedom, the analysis of divine attributes, immortality, and the soul.

361 Ethical Issues in Business (3:3)
GE Core: GPR *GE Marker: GN*
Ethical theory and its application to business: economic justice, corporate responsibility, self-regulation and government regulation, conflict of interest, investment policy, advertising, and environmental responsibility.

363 Environmental Ethics (3:3)
The ethics of our relationship to the environment. Traditions in environmentalism; treatment of animals, nature, plants, and species; application of environmental ethical theory to real-world environmental problems. (FALL OR SPRING)

401 Reading Course for Seniors (1–3)
Pr. permission of instructor
- *May be repeated for credit.*

Supervised reading and research for philosophy majors.

402 Independent Study (1–3)
Pr. satisfaction of requirements for the major in philosophy and permission of instructor
- *May be repeated for credit.*

493 Honors Work (3–6)
Pr. permission of instructor; 3.30 GPA in the major, 12 s.h. in the major
- *May be repeated for credit when topic varies.*

494 Senior Capstone Course (3:3)
Pr. 251, 252, 310; Philosophy major; senior standing
Variable content. Senior-level philosophical work on some thematic topic. Elements and methods of philosophical argument, research and debate. Technology competencies and information skills/ research competencies in the major. (FALL OR SPRING)

Courses for Advanced Undergraduates & Graduate Students

520 Advanced Topics in Biomedical Ethics (3:3)
Pr. 220 or permission of instructor
Detailed examination of a particular issue in biomedical ethics, such as research ethics, assisted suicide and euthanasia, and the acquisition and allocation of organs for transplantation.

523 Philosophy of Social and Behavioral Science (3:3)
Pr. one course in social or behavioral science and one in philosophy or permission of instructor
Issues in philosophy of social and behavioral science from Hume to the present: explanation, theory construction, methodology of the social sciences, the status of the sociology of knowledge.

525 Philosophy of Physical Science (3:3)
Pr. 325 and one course in physical science or permission of instructor
Study of a major current issue in the philosophy of science such as scientific progress and change, scientific methods, experiment and theory, scientific explanation, rationality, scientific realism, relations between philosophy of science and history of science. Examples drawn from modern history of the physical sciences.

527 Philosophy of Biological Science (3:3)
Pr. one course in biology and one in philosophy or permission of instructor
Examination of concepts of law, theory, explanation, evidence, classification, and reduction using examples drawn from biology. Investigation of problems related to alternative conceptual systems and conceptual change in biology, the nature of the biological subject matter, and the place of biology among the natural sciences.

545 Social Philosophy (3:3)
Pr. one course in philosophy or permission of instructor
Topics from social, political, and legal philosophy, such as property, justice, punishment, liberalism, conservatism, and a study of such major figures as Hobbes, Locke, Mill, and Rawls.

555 Epistemology (3:3)
Pr. 319 or permission of instructor
Skepticism, the analysis of knowledge, confirmation and induction, apriori knowledge, naturalized epistemology.

559 Philosophy of Mind (3:3)
Pr. one course in philosophy or permission of instructor
The mind-body problem, identity theories, functionalism, reductive and eliminative materialism, behavioral and causal theories of mind.

565 Philosophy of Language (3:3)
Pr. one course in philosophy or permission of instructor
Theories of truth, meaning, and reference. Origin and nature of human language and its relations to animal and machine language.

575 Advanced Logic (3:3)
Pr. 311 or permission of instructor
Axiomatic first order quantification theory with completeness theorems. Numbers and sets. Paradoxes and type theory. Introduction to modal logic.

590 Aesthetics (3:3)
Pr. 322 or permission of instructor
Readings in the major philosophies of art, analysis of evaluative judgment and argument, the nature of aesthetic concepts, artistic truth, the art object, and the aesthetic experience.

Please refer to The Graduate School Bulletin *for additional graduate-level Philosophy courses.*

Department of Physics and Astronomy

College of Arts & Sciences

237 McIver Building
336/334-5844
www.uncg.edu/phy

FACULTY

Stephen Danford, Associate Professor and Head of Department
Professor Meisner
Associate Professor Pratap
Assistant Professors Hellen, Miroshnichenko
Adjunct Associate Professors Birnbaum, Purdom, Starobin

Physics and astronomy have long been recognized as constituting the basis for study, research, and understanding in the natural sciences. The undergraduate major program seeks to provide the student with a broad and general background in all areas of physics. With this background, the student should be able to adapt readily to the specialized requirements of a job in industry, as a teacher, or to the specialized graduate study in physics or a number of related fields. Opportunities are provided through electives to sample the concerns of many of these related fields.

The effort required for a non-scientist to understand our technological society is formidable, but essential if an educated man or woman is to intelligently understand and affect our natural surroundings. Recognizing this, the Department of Physics and Astronomy offers for the non-major, with no prerequisites, courses with an overview of physics as well as special interest courses dealing with topics of immediate concern (AST 203, 209, 235, PHY 205, 211, 212, 333).

Its faculty members are involved with students in research in computer simulation and computational physics, biophysics, observational astrophysics and digital image analysis, and software development for Web-based three dimensional virtual laboratory environments. The department uses and administers the Three College Observatory, located in a nearby dark-sky location. This observatory contains the state's largest (32 inch) reflecting telescope, along with a low light-level image acquisition system.

Physics Major (PHYS)

Degree: Bachelor of Arts

Required: 122 semester hours, to include at least 36 hours at or above the 300 course level

AOS Codes:

Physics, U191

Physics with Secondary Subject-Area Teacher Licensure, U195

Degree: Bachelor Science

Required: 122 semester hours, to include at least 36 hours at or above the 300 course level

AOS Codes:

Physics, U193

Physics with Secondary Subject-Area Teacher Licensure, U196

The Physics Major is a firm basis for a career in medicine, law, business, sales, engineering, teaching, computing, biophysics, environmental science, or physics.

Students who elect physics as a major need to complete PHY 291, 292 or 211, 212, and MAT 293 no later than the end of their sophomore year. Any student who desires to major in physics should contact the head of the department as soon as possible so a proper schedule can be planned.

BACHELOR OF ARTS AND BACHELOR OF SCIENCE REQUIREMENTS

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
Historical Perspectives on Western Culture (GHP)	3
Reasoning and Discourse (GRD) ENG 101 or FMS 115 or RCO 101, and one additional GRD course	6
Social and Behavioral Sciences (GSB)	6
Department specifies courses for:	
One additional GLT course *(student may select)*	3
Mathematics (GMT) required: MAT 191	3
Natural Sciences (GNS) required: PHY 291 or 211, and CHE 111	7

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers, at least one of which must carry the GN marker

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major.** All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course

In addition to this WI Marker requirement, **students must also complete a second WI course within the major.** All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III College of Arts and Sciences Additional Requirements (CAR)

See pp. 89–91 for details and courses meeting CAR GPM/GMO and GLS/GPS requirements.

Historical Perspectives on Western Culture 3
one GPM (Premodern) or GMO (Modern) course, depending on category used to satisfy GHP requirement

Natural Sciences (GLS or GPS) 3–4
any course GLS course

Social and Behavioral Sciences (GSB) 3
any additional GSB course with a different departmental prefix

Foreign Language (GFL) 0–12
intermediate-level proficiency in one language, demonstrated by placement test, or by completing course work through course number 204

Writing Intensive Courses (WI)
a total of four WI courses

IV Major Requirements & Related Area Requirements

Physics Major Core

PHY 291*, 292* and 291L, 292L (or 211*, 212* and 211L, 212L), 321, 323, 325, 401; at least two from the following: 327, 412, 413; and at least three from the following: 294, 321L, 323L, 325L, 395

Requirements for the Bachelor of Arts

Students must have at least a 2.0 grade point average for the required physics and mathematics courses.

1. Physics Major Core
2. Minimum of 27 s.h. in physics courses above the 100 level
3. CHE 111, 112, 114, 115; CSC 130; MAT 191*, 292, 293, 390, 394

Requirements for the Bachelor of Science

Students must have at least a 2.0 grade point average for the required physics and mathematics courses.

1. Physics Major Core
2. Minimum of 37 s.h. in physics courses above the 100 level
3. CHE 111, 112, 114, 115; CSC 130; MAT 191*, 292, 293, 390, 394 and at least three (3) courses from: PHY 330, 421, 423, 426, 543, and one additional course from the following: 294, 321L, 323L, 325L, 395.

**PHY 291 and 291L or 211 and 211L, and CHE 111 satisfy GNS; MAT 191 satisfies GMT.*

V Electives

Electives sufficient to complete the 122 semester hours required for degree.

Physics as a Second Major

Students planning to take Physics as a second major must complete all required courses as stated above for the Bachelor of Arts or Bachelor of Science degree.

Physics and Astronomy as a Second Academic Concentration for Elementary Education and Special Education Majors

Required: minimum of 18 semester hours

Core courses: PHY 205, 211 or 211A, 212 or 212A and AST 209, 235

Physics Minor

Required: minimum of 15 semester hours

AOS Code: U191

A minimum of 15 semester hours in physics courses is required for the minor in Physics, to be planned in consultation with a physics faculty member. The usual physics minor program will consist of PHY 291, 292 and 291L, 292L or 211, 212 and 211L, 212L, and at least 7 hours of additional courses (excluding AST 203, 209, 235, PHY 205, and 333). Other quite different programs may be fitted to the individual student's interests and objectives.

Physics Major (B.A. or B.S.) with Secondary Subject-Area Teacher Licensure

Students seeking teacher licensure should follow the requirements for the Bachelor of Arts or Science degree. In addition the following are required: BIO 111; CUI 545, 450, 559, 465, and 470; ELC 381; GEO 103; HEA 201. Additional semester hours may be required for completion of the degree. Please see **Teacher Education Programs** for complete details on teacher licensure requirements.

Accelerated Master's Program for Physics Majors

Interested students should see **Accelerated Master's Programs for Undergraduates** for details about the B.A. in Physics/M.B.A. program requirements.

ASTRONOMY COURSES (AST)

GE Core denotes General Education Core credit; GE Marker denotes General Education Marker credit; CAR denotes College Additional Requirement credit.

Courses For Undergraduates

203 Conceptual Astronomy (3:3)
GE Core: GNS *CAR: GPS*

- *No student may receive credit for both this course and either 209 or 235.*

Introductory study of astronomy including planets, the Sun, stars, galaxies, and cosmology. (FALL & SPRING)

209 Astronomy: The Solar System (3:3)
GE Core: GNS CAR: GPS
- *No student may receive credit for both this course and 203.*

Introductory study of the solar system. Sun and planets studied with special attention to results of recent planetary exploration. Telescopic and naked-eye observations of the constellations and planets. 209 intended to complement 235, although each course is independent of the other. No science or math background beyond the level of high school algebra required. (FALL)

235 Astronomy: Stars and Galaxies (3:3)
GE Core: GNS CAR: GPS
- *No student may receive credit for both this course and 203.*

Introduction to stars, galaxies, and cosmology. Emphasis on conceptual approach to such topics as the evolution of stars, the formation of galaxies, interstellar communication, and the Big Bang. Sky observations utilizing the UNCG telescopes included. 235 intended to complement 209, although each course is independent of the other. No science or math background beyond the level of high school algebra required. (SPRING)

PHYSICS COURSES (PHY)

GE Core denotes General Education Core credit; GE Marker denotes General Education Marker credit; CAR denotes College Additional Requirement credit.

Courses For Undergraduates

205 Conceptual Physics (3:3)
GE Core: GNS CAR: GPS
- *Registration in laboratory (PHY 205L) optional.*
- *No student may receive credit for this course if credit has previously been earned for 211, 212, 291, or 292.*

Introduction to basic laws of physics made by extensive use of demonstrations. Concepts emphasized and mathematical manipulations held to a minimum. (FALL & SPRING)

205L Conceptual Physics Laboratory (1:0:3)
GE Core: GNS CAR: GPS
Coreq. PHY 205

The discovery approach will be used to conduct experiments in mechanics, fluids, heat, electricity and magnetism, optics and modern physics. (FALL & SPRING)

211, 212 General Physics I, II (4:3:3), (4:3:3)
GE Core: GNS CAR: GPS
Pr. for PHY 211: MAT 151, or permission of instructor
Pr. for PHY 212: PHY 211
Note: Laboratory is included in 211, 212.
- *No student may receive credit for 211 or 212 if credit has previously been earned for 211A or 212A or 291 or 292.*

Introduction of laws and properties of matter, sound, heat, optics, electricity, and magnetism. Algebra and trigonometry used in development of this material. (211—SPRING; 212—FALL; SUMMER)

211A, 212A General Physics I, II (4:3:3), (4;3:3)
GE Core: GNS CAR: GPS
Pr. for PHY 211A: MAT 119 or 150, or permission of instructor
Pr. for PHY 212A: PHY 211A
Note: Laboratory is included in 211A and 212A.
- *No student may receive credit for 211A or 212A if credit has previously been earned for 211/212 or 291/292.*

A NSF funded version of PHY 211/212 featuring a laboratory-centered environment. See course description for PHY 211/212. Check with department for details. (211A—FALL; 212A—SPRING)

291, 292 General Physics I, II with Calculus (4:3:3), (4:3:3)
GE Core: GNS CAR: GPS
Pr. for PHY 291: grade of C or better in MAT 191, or permission of instructor
Pr. for PHY 292: grade of C or better in PHY 291, or permission of instructor
Note: Laboratory is included in 291 and 292.
- *No student may receive credit for this course if credit has previously been earned for 211A or 212A or 211 or 212.*

Introduction to law and properties of mechanics, sound, heat, optics, electricity, magnetism, and modern physics using calculus. PHY 291 and 292 together constitute a one-year university physics course. (291—SPRING; 292—FALL)

294 Introduction to Computational Physics Laboratory (1:0:3)
Pr. or coreq. PHY 292

Introduction to computational techniques used in physics and engineering. Use of software to solve problems in physics and astronomy, including simulation of interesting physical situations.

321 Introduction to Modern Physics (3:3)
Pr. 292 (or 211, 212 with permission of instructor)

Fundamental concepts of atomic, molecular, nuclear, and solid state physics from quantum-mechanical and special relativity points of view. Topics include special relativity, wave-particle dualism, Schrödinger equation, hydrogen atom, atomic spectra, nuclear structure, radioactivity, nuclear reactions, and molecular and solid state physics. (SPRING)

321L Modern Physics Laboratory (1:0:3)
Pr. 292 (or 211, 212 with permission of instructor)

Performance of atomic, nuclear, and solid state physics experiments and analysis of data in a quantitative and scientific manner. Simple computer programs used to study the concepts of error and least-square-fit techniques. (SPRING)

323 Mechanics (3:3)
Pr. 212 or 292
Pr. or coreq. MAT 390 and MAT 394

Mathematical treatment of classical kinematics and dynamics of a particle in a uniform field, in oscillatory motion and simple motions of systems of particles. Analytical and numerical techniques of problem solution stressed. (FALL)

323L Classical Physics Laboratory (1:0:3)
Pr. 292 (or 211, 212 with permission of instructor)

Performance of experiments emphasizing concepts of classical physics. Topics include force, energy, resonance, and relaxation. (FALL)

325 Electricity and Magnetism I (3:3)
Pr. 292 and MAT 394

A study, developing and using techniques of vector algebra and calculus, of topics in the theory of static electric and magnetic fields including the divergence and Stokes' theorems and the law of Gauss, Biot-Savart, and Ampere. Application to the properties of conductors, dielectric, and magnetic materials. (FALL)

325L Electricity and Magnetism Laboratory (1:0:3)
Pr. MAT 390

Performance of electricity and magnetism and electronic experiments with analysis of these basic phenomena as applied to research laboratory. (FALL)

327 Thermal Physics (3:3)
Pr. 292 and MAT 394

Properties of matter developed by combining thermodynamic reasoning with molecular theory. (ALT FALL)

330 Astrophysics (3:3)
Pr. 291, 292
Stellar evolution through study of white dwarves and black holes; galaxy structure and cosmology. Observational project will use Three College Observatory. Intended as follow-up to introductory astronomy and physics. (ALT SPRING) (Formerly PHY 530)

331, 332 Experimental Physics (1:0:3), (1:0:3)
Pr. two advanced courses in physics taken concurrently or completed
Advanced courses in laboratory techniques as involved in special laboratory problems.

333 Selected Topics (1–3)
Primarily intended for those who are not physical science majors. Topics vary with instructor and with semester. Contemporary topics may include subjects such as analysis of physical resources, their inherent energy limitations and new sources of energy (such as solar, geothermal, etc.); development and adaptation of nuclear energy to electric power plants and armaments systems and the ensuing environmental and political problems. No previous science course required. Interested students should inquire at Physics and Astronomy Department office for further details. Selected topics for science majors may also be given upon request.

345 20th-Century Physics: A Liberal Art (3:3)
Pr. junior, senior standing, or permission of instructor
20th-century developments in description of physical universe, including small (quantum mechanics), fast (Einstein's relativity), energetic (nuclear). Emphasize understanding, societal impact, minimal mathematics.

395 Computational Physics Laboratory II (1:0:3)
Pr. MAT 390; grade of C or better in PHY 292
Advanced computational techniques for the physics laboratory. Solutions of differential and integral equations, data fitting, Monte Carlo techniques applied to physical situations. Nonlinear biophysical problems.

400 Seminar (1–3)
Selected topics of current interest in physics are studied. (New course number effective FA 03; formerly PHY 500)

401 Physics Senior Seminar (1:1)
Pr. Physics major; senior standing
- *Required of all Physics majors.*
- *Grade: Pass/Not Pass (P/NP)*

Topics from current physics literature, and presentations by students, faculty and guest lecturers. Oral reports on research topics. Attendance at weekly seminars required. (SPRING)

412 Electronics for Scientists (3:2:3)
Pr. 212 or 292, or permission of instructor
Electronic circuits useful for measurement, signal processing, and control. This course is especially designed to meet needs of experimental scientist. (ALT SPRING) (New course number effective FA 03; formerly PHY 512)

413 Microcomputer Interfacing for Scientists (3:2:3)
Pr. 212 or 292, or permission of instructor
Methods and techniques of electronic connection between computer and other devices and programming methods to facilitate use of the computer as a laboratory instrument are introduced. Assembly language used primarily. (ALT SPRING) (New course number effective FA 03; formerly PHY 513)

419 Advanced Laboratory (1–3:0:3–9)
Pr. 321L
Principles of design and execution of laboratory experiments are introduced, with emphasis on developing the capability to do independent experimentation. (New course number effective FA 03; formerly PHY 519)

420 Selected Topics in Physics (3:3)
Pr. permission of instructor
- *May be repeated for a total of 6 hours credit.*

A topic of special interest is studied in depth. (New course number effective FA 03; formerly PHY 520)

421 Modern Physics with Quantum Mechanics (3:3)
Pr. 321 and 325
Modern theories of matter are studied by applying quantum mechanics to atomic, molecular, nuclear, and solid state systems. (ALT SPRING) (New course number effective FA 03; formerly PHY 521)

423 Analytical Mechanics (3:3)
Pr. 323, MAT 390
Classical laws of particle motion are extended to the treatment of general motion of a rigid body, noninertial reference frames, generalized coordinates, normal coordinates, and to topics and techniques based on calculus of variations. (New course number effective FA 03; formerly PHY 523)

425 Optics (3:3)
Pr. 325 or permission of instructor
Analytical treatment of geometrical optics (thin and thick lenses, image formation, theory of optical instruments) and physical optics (electromagnetic waves, interference, polarization, diffraction, optical properties of materials). (SPRING)

425L Optics Laboratory (1:0:3)
Pr. 321L, 325L, or permission of instructor
Performance of geometrical and physical optics experiments with both microwaves and visible light. (SPRING)

426 Electricity and Magnetism II (3:3)
Pr. 325
Continuation of 325. The properties of time-varying electric and magnetic fields, including Faraday's law, and the development of Maxwell's equations are studied. Results are applied to alternating current circuit theory, electromagnetic waves, and radiation. (SPRING) (New course number effective FA 03; formerly PHY 525)

493 Honors Work (3–6)
Pr. permission of instructor; 3.30 GPA in the major, 12 s.h. in the major
- *May be repeated for credit if the topic of study changes.*

495 Research Experience in Physics (3)
Pr. two courses from the major sequence beyond PHY 291–292 or 211–212, permission of instructor, and approval of department head
- *May be repeated for up to 6 hours of credit with departmental permission.*

A significant research project directed by faculty member. Student must submit written proposal, develop approved written plan, and deliver formal report of results. (FALL & SPRING & SUMMER)

496 Individual Study (1–3)
Pr. permission of instructor
The student and at least one member of the graduate faculty will develop a plan to study a topic of particular interest to the student. (New course number effective FA 03; formerly PHY 595)

Courses for Advanced Undergraduates & Graduate Students

501, 502 Conceptual Physics for Teachers (3:3), (3:3)
The basic laws of physics are introduced by extensive use of demonstrations. Concepts are emphasized and mathematical manipulation is minimal. Teaching materials and strategies are developed.

543 Biophysics (3:3)
Pr. PHY 211/212 or 291/292; MAT 191; BIO 355; CHE 111/114; or permission of instructor
Introduction to cellular biophysics, with emphasis on the physical properties of membranes, including membrane transport mechanisms and electrical properties of membranes. (ALT FALL) (Same as BIO 543)

589 Experimental Course: Physical Science for Teachers (3:3)
Pr. one year of physics, one year of chemistry, one year of teaching experience
Physical science content knowledge, and methods that can be used to present this content in the classroom; for high school and middle school teachers. (Offered summer '07)

Please refer to The Graduate School Bulletin *for additional graduate-level courses.*

Department of Political Science

College of Arts & Sciences

237 Graham Building
336/334-5989
www.uncg.edu/psc

FACULTY
Ruth DeHoog, Professor and Head of Department
Professors Clotfelter, Crowther, Prysby, Pubantz
Associate Professors Buck, Griffiths, Holian, Klase, McAvoy
Assistant Professors Johnson, Showden, Tsukamoto

Political science is the study of the government, politics and policies of the United States and other nations; of levels of government, such as city and state, within those nations; and of relationships among nations. It studies the political behavior, attitudes, and ideas of groups and individuals.

All 100- and 200-level courses are introductions to the study of political science. Beginning students are urged to take any 100- or 200-level course in which they may be interested.

Students seeking electives in political science may select from almost the entire range of offerings. Non-majors are urged to select their electives widely to satisfy individual intellectual interests and are not restricted to 100- and 200-level courses.

Internships and field experiences are available to both majors and non-majors in national government, nonprofit agencies, public administration, and electoral politics.

Political Science Major (PSCI)

Degree: Bachelor of Arts

Required: 122 semester hours, to include at least 36 hours at or above the 300 course level

AOS Codes:
Political Science, U197
Prelaw, U198
Political Science, with Teacher Licensure in Social Studies, U199

The Political Science Major is suitable for students with career interests in law, politics, or governmental service (at local, state, or federal levels), as well as for students who have more general intellectual interests in government, politics, and international relations as part of their effort to obtain a liberal education or to prepare for careers in business or nonprofit work.

Students should take a broad variety of courses in the major to become familiar with the diversity of topics and methods used by contemporary political scientists throughout the world. Majors should consult early with their faculty advisors to plan programs most suitable to their individual interests and needs.

The Prelaw concentration is designed for political science majors with a strong interest in law. The concentration provides majors with a breadth and depth of knowledge of legal issues and legal research, rigorously prepares them for advanced studies in law, and trains them for the legal professions using a broad variety of skills relating to legal institutions and particular subject areas related to law.

REQUIREMENTS

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	6
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
Historical Perspectives on Western Culture (GHP)	3
Mathematics (GMT)	3
Natural Sciences (GNS) one must be a laboratory course; each must have a different departmental prefix	6–7
Reasoning and Discourse (GRD) ENG 101 or FMS 115 or RCO 101, and one additional GRD course	6
Department specifies courses for:	
Social and Behavioral Sciences (GSB) required: PSC 100 and 240	6

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers, at least one of which must carry the GN marker

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major.** All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major.** All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III College of Arts and Sciences Additional Requirements (CAR)

See pp. 89–91 for details and courses meeting CAR GPM/GMO and GLS/GPS requirements.

Historical Perspectives on Western Culture 3
one GPM (Premodern) or GMO (Modern) course, depending on category used to satisfy GHP requirement

Natural Sciences (GLS or GPS) 3–4
any GLS or GPS course

Social and Behavioral Sciences (GSB) 3
any additional GSB course with a departmental prefix other than PSC

Foreign Language (GFL) 0–12
intermediate-level proficiency in one language, demonstrated by placement test, or by completing course work through course number 204

Writing Intensive Courses (WI)
a total of four WI courses

IV Major Requirements

Every political science major must complete the following core requirements: A minimum of 30 semester hours in political science. At least 18 hours of the total course work in the major must be at the 300 level or higher. Requirements include:

- PSC 100[1], 240[1], 260, and 301

[1]*PSC 100 and 240 satisfy GSB.*

Prelaw Concentration

In partial fulfillment of the major requirement of 18 semester hours at the 300 level or higher, the Prelaw concentration requires:

1. PSC 316
2. Nine (9) s.h. from the following: PSC 300[2], 312, 313, 314, 318, 320, 336, 341, 399[2], 516

[2]*When approved by the department as an appropriate prelaw-related course*

V Related Area Requirements

No specific courses required.

VI Electives

Courses in other social sciences and in history are recommended. Electives sufficient to complete the 122 semester hours required for the degree must be taken.

Political Science as a Second Major

Students who wish to declare a second major in Political Science must complete all requirements listed above under the degree selected.

Political Science as a Second Academic Concentration for Elementary Education and Special Education Majors

Required: minimum of 18 semester hours

Core courses: PSC 100, 105, 210, 240, 260, 270

Political Science Minor

Required: minimum of 15 semester hours

AOS Code: U197

A student may minor in political science by taking PSC 100 and at least 12 semester hours of course work above the 100 level. The student should select courses to best suit intellectual and career interests, in consultation with a member of the Political Science faculty.

Political Science Major with Teacher Licensure in Social Studies

Students seeking teacher licensure should see **Teacher Education Programs.** Licensure in social studies is available for political science majors. Additional semester hours may be required for completion of the degree.

Honors in Political Science

Requirements

Twelve semester hours of Honors work to include the following:

- 9 s.h. of Honors work in Political Science
- HSS 490 (Senior Thesis or Project)

Honors courses may be offered as special sections of regular courses, Honors Tutorials, or contract courses. A limited number of advanced courses (500-level) will be designated for Honors credit. Students should contact the department for specific offerings each semester.

Qualifications

- A grade of at least B in all course work used to satisfy the Honors requirement in Political Science
- Declared Political Science Major
- Minimum overall 3.30 GPA at graduation

Recognition

The designation "Completed Disciplinary Honors in Political Science" and the title of the Senior Honors Project will be printed on the student's official transcript.

Honors Advisor

See Honors Faculty liaison Robert Griffiths for further information and guidance about Honors in Political Science.

Accelerated Master's Programs for Political Science Majors

Interested students should see **Accelerated Master's Programs for Undergraduates** for details about the following program requirements: B.A. in Political Science/M.A. in Economics; B.A. in Political Science/M.B.A.; B.A. in Political Science/M.P.A. in Public Affairs.

POLITICAL SCIENCE COURSES (PSC)

GE Core denotes General Education Core credit; GE Marker denotes General Education Marker credit; CAR denotes College Additional Requirement credit.

Courses For Undergraduates

100 American Politics (3:3)
GE Core: GSB

Organization and behavior of the institutions, groups, and persons in American national government and politics. Introductory level course.

105 Political Issues (3:3)
GE Core: GPR

Introduction to the main intellectual traditions of political science. Discusses basic problems, political ideologies, and competing theories of politics.

210 Introduction to Public Policy (3:3)
GE Core: GSB

Problems of public policy and administration with emphasis on analysis of decision-making in governmental organizations.

240 The International System (3:3)
GE Core: GSB *GE Marker: GL*

Introduction to international politics focusing upon major changes in the international system since 1945.

250 Model United Nations (1:1)
• *May be repeated for credit.*

Introduces students to the structure and processes of the United Nations and involves participation in a simulation of the UN at the Southern Regional Model UN. (FALL)

260 Introduction to Comparative Politics (3:3)
GE Core: GSB *GE Marker: GL*

Basic concepts and methods of comparative political analysis. Introduction to political institutions, processes, and problems of democratic, non-democratic, and transitional political systems.

270 Introduction to Political Theory (3:3)
GE Core: GPR

Examines the tradition of Western political thought beginning with Plato and ending with twentieth century philosophers. Topics include the nature and meaning of liberty, justice, and equality and the purpose of politics.

290 The Politics of the Non-Western World (3:3)
GE Marker: GN

Introduces students to the problems facing countries in Asia, Africa, and Latin America. Surveys the theoretical literature concerning globalization, conflict and conflict resolution, and democratization.

300 Special Topics (3:3)
• *May be repeated for credit when topic varies.*

Study of an issue in political science.

301 Research Methods in Political Science (3:3)
Pr. majors only

Basic principles of research in political science. Focus on testing of empirical propositions, with particular emphasis on survey research methods and on data analysis and interpretation. No statistical knowledge required.

302 Applied Policy Evaluation (3:3)
Pr. PSC 301 or permission of instructor

Methods and strategies to gauge the effectiveness of government programs through quantitative and qualitative studies of program implementation and outcomes. McAvoy (SPRING)

305 Individual in Politics (3:3)

Introduction to development of individual political attitudes and their relationship to political behavior. Topics include the psychology of political leaders, the belief systems of mass publics, and the development of distinct political cultures. Emphasis on the range of political participation, from voting behavior to extremism and violence.

310 Public Administration (3:3)

Major concepts in administration of public bureaucracies, including comparative administration, organization theory, budgeting, public personnel, and decision-making.

312 Environmental Law and Policy (3:3)

Study of federal and international environmental law and policy: topics include air and water pollution, hazardous and toxic substances, climate change, atmospheric pollutions, and related issues. Buck (Same as ENV 312)

313 Natural Resources Law and Policy (3:3)

Study of state, federal, and international natural resources law and policy: topics include acquisition and management of public lands, wildlife, biodiversity, resource conservation. Buck (Same as ENV 313)

314 Wildlife Law and Policy (3:3)
Pr. PSC or ENV 312 or PSC or ENV 313 or permission of instructor

Evolution of American wildlife law with focus on private property, federal-state relations, and federal protection of species, habitat, and biodiversity. Buck (Same as ENV 314)

316 Introduction to Law (3:3)
Pr. junior standing or permission of the instructor

Analysis of the American legal system, focusing on the behavior of actors in that system, theoretical foundations of the system, and policy-making role of the courts. Johnson

318 Constitutional Law (3:3)
Pr. junior standing or permission of the instructor

Case-method approach to the most important aspects of constitutional law regarding separation of powers, federalism, and economic regulation. Emphasis on importance of historical eras to the evolution of these cases, and current reassessment. Johnson

320 Civil Liberties (3:3)
Pr. junior standing or permission of the instructor

Case-method approach to issues involving civil liberties and civil rights. Examination of historical evolution of Supreme Court decisions and evaluation of the Court's reassessment of previous decisions. Johnson

322 American State Politics (3:3)

Comparison of political behavior and institutions among the 50 American states.

323 Urban Politics (3:3)

Examination of political behavior, processes, and institutions in city as a special focus for study of politics and government in United States. Discussion and readings directed to current development in American cities.

324 Urban Administration (3:3)

Special characteristics and problems of implementing urban policies and managing municipalities and other local governments and non-profit service agencies. Role of the city manager and other professional administrators.

327 American Political Parties (3:3)

Analysis of the role of political parties in the American political process, with emphasis on recent elections and campaigns. Prysby

328 North Carolina and Southern Politics (3:3)

Examination of contemporary political and governmental developments in the American South. Particular attention to North Carolina politics and government. Prysby

329 American Interest Group Politics (3:3)

Emphasis on interest groups' ideologies, tactics, and effect on public policy. McAvoy

330, 331 Internship in Campaigns and Elections (3:2:6), (3:2:6)

Pr. permission of instructor

- *100, 327 or 328 recommended.*

Analysis of electoral campaign strategies by party and candidate through actual participation in campaigns and by writing of case studies based on student campaign participation. Spring semester in even numbered years covers primary elections; fall semester concentrates on general elections. Either semester may be taken independently.

332 Elections and Voting (3:3)

Analysis of influences on voting behavior and of the relationship among voting behavior, elections, and the political process as a whole, with emphasis on contemporary U.S. presidential elections. Prysby

333 The U.S. Congress (3:3)

Examination of the U.S. Congress, its evolution and contemporary standing. Attention given to internal organization—rules, committees, voting behavior—and relationship to constituencies, especially campaigns, elections, and home styles. Holian

334 The American Presidency (3:3)

Examination of the contemporary American presidency. Attention given to the multiple roles of the president, to the rise of the presidency in American government and politics, and to the implications of a powerful presidency for democratic government. Holian

335 Women in Politics (3:3)

Relationship of women to political process with particular emphasis on women's political socialization, patterns of political participation, and leadership selection. Showden

336 Women and the Law (3:3)

Examination of interaction between women and the legal system. Role of women in legal professions and the impact of the legal system on women in American society.

337 Politics and the Media (3:3)

Analysis of the interaction between the American media, and public and political institutions. Particular attention is given to how media interact with the three branches of government, particularly the executive. Holian (FALL)

340 International Political Economy (3:3)

Pr. 240

Recent problems in international politics with emphasis on trade and monetary relations, regional economic integration, transitions to market economies, differing perspectives between the industrialized and developing world, international environmental issues.

341 International Law (3:3)

Pr. any international relations course or permission of instructor

Introduction and analysis of the fundamentals of international law and its role in the contemporary international system. Griffiths

342 American Foreign Policy (3:3)

Pr. PSC 240, its equivalent, or permission of instructor

Analysis of the decision-making process concerning formulation and execution of American foreign policy. Pubantz

344 Politics of Globalization (3:3)

GE Marker: GL

Pr. any international relations course or permission of the instructor

Political impact of globalization at the international, national, and subnational levels. Attention given to its implications for the politics of international civil society, world affairs, and citizenship. (SPRING)

345 National Security Policy (3:3)

Pr. 240

Development of national security policy and the role of military forces in the United States. Emphasis on the changing nature of security challenges.

347 International Security (3:3)

Pr. PSC 240 or 342

Examines traditional security threats such as war, conflict, and instability as well as more recent security challenges including weapons proliferation, terrorism, and human security concerns. (ALT FALL)

348 International Organization (3:3)

Pr. any international relations course or permission of instructor

The role of international organizations in international affairs with a special emphasis on the United Nations, its special agencies, and regional organizations such as the European Union. Pubantz (SPRING)

350 Democratic Political Systems (3:3)

Comparative examination of political institutions and behavior in selected industrialized and non-industrialized countries. Crowther

352 Nationalism and Ethnic Politics (3:3)

Pr. 260 or permission of instructor

Explores competing explanations of nationalism and ethnic politics. Course focuses on comparative analysis in a global context, and examines strategies that have been employed by governments to manage ethnic tension. Crowther

355 Selected Topics in Comparative Politics (3:3)

- *May be repeated for credit when topic varies.*

Cross-national examination of specific topic in political organization and behavior. 355A—Political Violence; 355B—Political Parties; 355C—Politics of Development; 355D—Politics of Industrial Societies; 355E—Comparative Legislative Process; 355G—Political Ideologies; 355J—Middle East Politics *(GE Marker: GN)*; 355K—Russian Politics; 355M—Political Economy; 355N—European Union; 355P—Politics of Latin America.

361 Central and East European Politics (3:3)

Analysis of patterns of political power in European nations formerly ruled by Communist parties, including an examination of the development of political liberalization, dissent, and international relations. Crowther

371 American Political Thought (3:3)

Examines major works in American political thought by authors such as Madison, Jefferson, Lincoln, Thoreau, Emerson, King, Malcolm X, and Friedan. Special Emphasis on tracing the promise and problems of American life.

391 African Political Systems (3:3)

GE Marker: GN

Pr. 260 or 290

Survey and analysis of the institutions and current problems of African states. Emphasis on Sub-Saharan Africa. Griffiths

392 The Politics of South Africa Through Film and Literature (3:3)

Pr. PSC 260 or 290 or 391

This course uses film and literature as the vehicle to examine the issues associated with the remarkable evolution of South African politics from the institutionalized racism of apartheid through the transformation to majority rule. Griffiths (ALT SPRING)

399 Public Affairs Internship (1–3)

Pr. permission of instructor

Field learning experience in governmental agencies and private organizations involved in the political process. Academic supervision provided by faculty advisor and direction in field provided by job supervisor. Written report on a substantive topic related to the internship required.

401, 402 Individual Study (1–3), (1–3)

Pr. departmental permission

Reading or research. Available to qualified students upon recommendation of an instructor.

493 Honors Work (3–6)

Pr. permission of instructor; 3.30 GPA in the major, 12 s.h. in the major

- *May be repeated for credit if the topic of study changes.*

Courses for Advanced Undergraduates & Graduate Students

501 Selected Topics in Political Science (1–3)

Pr. major in political science or permission of instructor

- *May be repeated for credit when topics vary.*

Opportunity for advanced students to study in depth a topic of special interest.

503 Survey Methods for Policy Research (3:3)

Theoretical and practical issues involved in designing and using sample surveys for political and policy research. Emphasis on survey methods used by the government and others in public sector.

504 Public Management Information Systems (3:3)

Overview of management information systems in public and nonprofit organizations, covering broad questions of design, management, training, utilization, and impact on decision making.

505 Problems in Politics (3:3)

Seminar in research and study in political science. Attention also on problems of methodology and alternative conceptions of field of political science as a scholarly discipline.

510 Topics in Public Policy (1–3)

Pr. permission of instructor

- *May be repeated for credit when topic varies.*

Intensive analysis of a major area of public policy. Examination of sources of policymaking, the policymaking process, and the impact of policy. 510A—Politics of Education; 510B—Criminal Justice; 510C—Labor Relations; 510D—Foreign and Defense Policy; 510E—Environmental Policy; 510F—Urban Development Policy; 510G—Health Strategies; 510H—Global Challenges; 510I—Press and Politics; 510J—Politics of Industrial Policy; 510K—Ethics in Public Policy.

511 Problems in Public Management (1)

Pr. permission of instructor

- *May be repeated when topics vary up to a limit of six (6) semester hours.*

Intensive examination of important current problems related to the management of public institutions.

512 Federalism and Intergovernmental Relations (3:3)

Pr. 100, 210, or 310, or permission of instructor; or graduate standing

Focuses on changing relationships of local-state-federal agencies, expanding role of regional cooperation, and recent developments in sub-national governments.

516 Administrative Law (3:3)

The law, practice, and procedure in federal administrative agencies: agency rulemaking; administrative adjudication; judicial review; informal process and administrative discretion. Buck

520 Urban Political System (3:3)

Pr. 323 or 324 or permission of instructor

Examination of major topics in the study of urban government and policy. Systems approach to provide an analytic framework for interrelating specific topics such as citizen participation, interest groups, parties, types of elections, forms of government, community power, and racial politics. (FALL)

530 Administrative and Elected Leadership (3:3)

Pr. permission of instructor

Recruitment, selection, and roles of executives and legislators; organization and activities of the offices; relationships among executive offices, administrative offices, and legislative bodies.

535 Citizen Participation in Policy-Making (3:3)

Pr. permission of instructor

Political participation and citizen involvement in governmental policy-making. Both citizen initiated and government sponsored efforts to increase popular input analyzed. Assessment of impact of citizen participation on policy-making in specific areas of policy and on performance of government in general.

540 Nonprofit Management and Leadership (3:3)

Pr. senior or graduate standing

Overview of major concepts and concerns of nonprofit organizations, including tax-exempt status, incorporation, nonprofit-government relations, board-director-staff relations, volunteers, services and program planning, implementation, resource development.

550 Philanthropy and Resource Development (3:3)

Pr. 540 and senior or graduate standing

Major concepts, strategies, issues, and approaches to resource development and philanthropy in nonprofit and educational organizations. (SPRING)

560 Special Topics in Public Administration (1–3)
Pr. permission of M.P.A. Program Director or instructor
Students may repeat three-semester-hour courses when topics vary, but one-semester-hour courses when topics vary only for a maximum of three (3) semester hours. Specific topic identified by extension to basic title, e.g., Special Topics in Public Administration: Public Financial Management; Financial Analysis Techniques; Grants and Contract Administration. (FALL OR SPRING OR SUMMER)

Please refer to The Graduate School Bulletin *for additional graduate-level courses.*

Portuguese

(see Romance Languages)

Preprofessional Programs

UNCG's eight preprofessional programs offer all courses required for admission to medical or dental schools, to pharmacy, veterinary, occupational or physical therapy schools, or as needed for entrance into law school. A two-year pre-engineering curriculum prepares students to transfer to schools with engineering programs.

The preprofessional programs are not majors in themselves but programs of study. Students following one of these programs must select another academic area of study as their first major. Students interested in pursuing one of the preprofessional curricula are urged to seek advising early in their academic careers.

Please note: preprofessional programs are not primary majors. Students following one of the following preprofessional curricula must select another area of study as their primary major.

Pre Dentistry, Pre Medicine, & Pre Veterinary Medicine (PRED, PREM, PVET)

HEALTH CAREERS ADVISORY COMMITTEE
Robert E. Cannon, Chair, and Professor, Department of Biology
Nancy Bucknall, Director, College of Arts and Sciences Advising Center (CASA)
Thomas Kwapil, Associate Professor, Department of Psychology
Robert Mayo, Associate Dean, School of Health and Human Performance
Ron Morrison, Assistant Professor, Department of Nutrition
Promod Pratap, Associate Professor, Department of Physics and Astronomy
Gregory Raner, Associate Professor, Department of Chemistry and Biochemistry

Students should contact a member of this committee for assistance in planning their program of study.

The admission requirements vary slightly among the various schools and programs. For specific information students should write directly to the individual schools for catalogs or consult the library. Other sources of information are current volumes of Medical School Admission Requirements and Admission Requirements of American Dental Schools.

The preprofessional programs constitute a core of courses that must be completed before admission to the professional schools. They can be successfully incorporated into almost any major. It has been shown in the case of medical schools that the choice of major does not significantly affect the student's probability of admission. Students should give consideration to any major which they find interesting and in which they feel they can do well. Nearly all students accepted to medical, dental, and veterinary schools have completed a bachelor's degree.

Medical schools generally require 2 semesters of English; 2 semesters of general biology (BIO 111, 112); 2 semesters of general chemistry with laboratory (CHE 111, 112, 114, 115); 2 semesters of organic chemistry with laboratory (CHE 351, 352, 354); 2 semesters of physics (PHY 211, 212 or 291, 292). A few schools (e.g., Duke) also require mathematics through Calculus (MAT 191, 292).

Other courses that are often recommended include Mammalian Physiology (BIO 277), Biochemistry (CHE 420 or 556), Genetics (BIO 392), Functional Microscopic Anatomy (BIO 472).

Dental school preparatory course requirements are usually very much like those for medical school. Many schools do, however, require Anatomy (BIO 271).

The list of required courses for veterinary schools is considerably more extensive than that for medical or dental schools. In addition to specifying more courses in mathematics, chemistry, and biology, these programs typically require or recommend more courses in animal science, general microbiology (BIO 481), biochemistry (CHE 420 or 556), animal nutrition, and possibly some business courses. Significant work experience with animals or in a veterinarian's practice is required. Students interested in veterinary school should make contact with the school and with the advisory committee at an early stage of their undergraduate careers.

The achievement of outstanding academic credentials should not be accomplished at the cost of totally sacrificing extracurricular activities. Most professional programs prefer students who have participated in nonacademic activities and actively pursued a range of interests.

In addition to the core of preparatory courses, virtually all professional schools require some form of standardized test prior to consideration of a student's admission application. These tests are usually taken in the spring before application is made. Medical schools require the Medical College Admission Test (MCAT), dental schools the Dental Admission Test (DAT), and veterinary schools the Graduate Record Examination (GRE) Aptitude Test.

Applications to professional schools are made a year before expected matriculation, usually between June 15 and November 15. Early application is strongly recommended. The American Medical College Application Service (AMCAS)

is the agent for most medical schools, and the American Association of Dental Schools Application Service (AADSAS) is the agent for many dental schools. The Veterinary Medical College Application Service (VMCAS) is the agent for most veterinary medical schools. Application information is available from the committee. Veterinary, medical, and dental schools not subscribing to one of the application services must be contacted individually.

Pre Engineering (PREN)

ADVISORS

Promod Pratap, Associate Professor,
Department of Physics and Astronomy
Robert B. Muir, Associate Professor,
Department of Physics and Astronomy

The following two-year pre-engineering curriculum offers preparation for students who plan to transfer to engineering programs in other institutions. This program has been approved by the Subcommittee on Engineering Transfer for transfer to the engineering programs at North Carolina A & T State University, North Carolina State University, and The University of North Carolina at Charlotte. Students interested in engineering should contact one of the advisors above as soon as possible.

See the designated General Education categories and approved courses in chapter 5. Recommended are a beginning course in literature, history (200 level), history or philosophy of science, and communications (CST 105). Some engineering programs require proficiency in a foreign language through the level of the first year (101–102). Students should make appropriate selections after consultation with an advisor. More information may be found on the Web at:

www.uncg.edu/phy/preengineering/preeng.htm.

Course	S.H.
Freshman year—1st Semester	
ENG 101 or exemption	3
CHE 111, 112	4
MAT 151 or 191	3
Select from GEC Categories	6
ESS	1
Total s.h.	17
Freshman year—2nd Semester	
ENG 102 or exemption	3
CHE 114, 115	4
MAT 191 or 292	3
MAT 220	3
PHY 291	4
ESS	1
Total s.h.	18
Sophomore year—1st Semester	
MAT 292 or 293	3
PHY 292	4
Select from GEC Categories	3
ECO 201 or elective	3
CSC 130	3
ESS	1
Total s.h.	17
Sophomore year—2nd Semester	
MAT 293 or elective	3
Select from GEC Categories	9–12
ESS	1
Total s.h.	13–16

Pre Law (PREL)

ADVISORY COMMITTEE

Eloise Hassell, Department of Business Administration
Christopher Hodgkins, Department of English
Thomas Jackson, Department of History
Susan Johnson, Department of Political Science
David Lefkowitz, Department of Philosophy
Kimberlianne Podlas, Department of Broadcasting and Cinema
Saundra Westervelt, Department of Sociology

Admittance to law school is based primarily on a student's grade point average, score on the law school admission test (LSAT), and other materials furnished in an application for admission.

Like most universities, UNCG does not have a pre-law major. Students who plan to attend law school may select their major from any academically rigorous field. However, since law schools seek to admit students who can think, speak, and write at the highest levels of competency, students (regardless of major) should take courses that develop skills in critical, creative, and reflective thinking as well as clear and cogent writing and speaking. To obtain these skills, it is especially useful to take courses in the areas of Philosophical, Religious, and Ethical Principles (GPR) and Reasoning and Discourse (GRD). Courses in these areas are offered by many departments, including Anthropology, Communication Studies, English, History, Philosophy (which offers a pre-law concentration for majors), Political Science, Religious Studies, and Sociology. In addition, Freshman Seminars, Honors, and Residential College courses are helpful. Students should also be sure to develop computer skills.

Students interested in pre-law should consult one of the pre-law advisors from the above list in addition to their major advisors.

Pre Medicine

(see Pre Dentistry, Pre Medicine, and Pre Veterinary Medicine)

Pre Occupational Therapy (PROT)

ADVISORS

Stuart J. Schleien, Professor and Department Head, Department of Recreation, Tourism, and Hospitality Management

Leandra A. Bedini, Professor and Director of Graduate Study, Department of Recreation, Tourism, and Hospitality Management

Charlsena F. Stone, Associate Professor, Department of Recreation, Tourism, and Hospitality Management

Four occupational therapy (OT) programs are currently available in North Carolina: The University of North Carolina at Chapel Hill, East Carolina University, Lenoir-Rhyne College, and Winston-Salem State University offer a Master of Science (M.S.) in Occupational Therapy. Lenoir-Rhyne also offers a Bachelor of Science in Human Occupation Studies as the OT prerequisite phase of earning a Master of Science in OT. East Carolina University also offers an accelerated program for highly qualified undergraduate students enrolled in the health services management program with the intention of preparing for a professional master's (entry-level) degree program in OT. Recent accreditation changes in occupational therapy now require that all students completing a degree in occupational therapy after January 1, 2007, must obtain the master's degree.

Students seeking admission into a Master of Science program in Occupational Therapy may declare a major in Recreation and Parks Management (RPMT), with an emphasis in Therapeutic Recreation, but will be expected to complete a core of additional courses. Requirements for entry into an M.S. program in OT generally include the following:

- Biology: BIO 111—Principles of Biology I (4 s.h.) and BIO 112—Principles of Biology II (4 s.h.) recommended
- Human anatomy with lab: BIO 271—Mammalian Anatomy (4 s.h.)
- Human physiology with lab: BIO 277—Mammalian Physiology (4 s.h.)
- Psychology: PSY 341—Abnormal Psychology (3 s.h.)
- Statistics: STA 108—Elementary Introduction to Probability and Statistics (3 s.h.)
- Chemistry with lab: CHE 111, 112—General Chemistry I with Lab (4 s.h.) and CHE 114, 115—General Chemistry II with Lab (4 s.h.)
- Human growth and development: HDF 211—Life Span Development in the Human Environment (3 s.h.) or PSY 250—Developmental Psychology (3 s.h.)
- Physics: PHY 211 and 212—General Physics I and II (8 s.h.) or PHY 291 and 292—General Physics I and II with Calculus (8 s.h.)
- Kinesiology or course related to human movement and analysis (3 s.h.)
- Sociology, anthropology, or cultural diversity (3 s.h.)
- Medical terminology (1–2 s.h.)
- Reasoning course as philosophy, logic, ethics method, or research inquiry in a social science

Additional recommendations may include (depending on the master's program of interest to student) a course in either an academic or community-based setting that requires the skills of the body and mind, such as art, music, dance, recreation, sports classes, theater, etc. First aid and CPR certification may also be required.

Students should contact an advisor for assistance in planning their program of study.

Pre Pharmacy (PREP)

ADVISOR

R. Bruce Banks, Associate Professor, Department of Chemistry and Biochemistry

Students seeking a professional degree in pharmacy may follow a prepharmacy curriculum at UNCG for two years before transferring to a school of pharmacy. An additional three to four years will then be required to complete the Doctor of Pharmacy degree. There are 73 accredited schools of pharmacy in the United States. The two in North Carolina are located at The University of North Carolina at Chapel Hill and at Campbell University.

Prepharmacy requirements generally include the following:

BIO 111, 271, 271L, 280
CHE 111, 112, 114, 115, 351, 352, 354
ENG 101, 102
MAT 191
PHY 211, 212 or PHY 291, 292
STA 108

Other specified courses to include foreign language or other approved liberal arts courses and physical education courses for a total of 64 semester hours of prepharmacy work.

Students will also be required to take the Pharmacy College Admission Test in the second year.

Completion of the prepharmacy work at UNCG does not guarantee admission to pharmacy school. Students should consult a prepharmacy advisor before registering for courses. Those planning to apply to out-of-state pharmacy schools should bring along information from those schools.

Pre Physical Therapy (PHYT)

ADVISORS

Department of Biology: Cannon

Department of Exercise and Sport Science: Karper, Schmitz, Stoudemire

Department of Recreation, Tourism, and Hospitality Management: Bedini, Schleien, Stone

Six physical therapy programs are currently available in North Carolina. Duke University and Elon University offer the Doctorate in Physical Therapy (DPT). UNC Chapel Hill, East Carolina University, Western Carolina University, and Winston-Salem State University offer the Master's in Physical Therapy degree (MPT)

Students seeking either a MPT or a DPT degree may major in any academic area but will be expected to complete a core of

science courses. The minimum grade point average for admission is 3.0 on a 4.0 scale. Volunteer experience in physical therapy is required for admission.

Requirements for the MPT and DPT generally include these courses:

Statistics 108
Introductory Biology (BIO 111, 112)
Anatomy (BIO 271)
Physiology (BIO 277)
Physics 211, 212 or 291, 292
General Chemistry (CHE 111, 112 and 114, 115)
General Psychology (PSY 121)
Human Growth and Development (HDF 211 or PSY 250)
CPR Certification

Additional recommendations include computer literacy and course work in biomechanics, and genetics. Students should contact the programs directly to ensure that they meet current requirements for each school. A complete listing of accredited physical therapy programs is available from the American Physical Therapy Association, 1111 North Fairfax Street, Alexandria, VA 22314, 703/684-APTA.

Students should contact an advisor for assistance in planning their program of study.

Pre Veterinary Medicine

(see Pre Dentistry, Pre Medicine, and Pre Veterinary Medicine)

Department of Psychology

College of Arts & Sciences

296 Eberhart Building
336/334-5013
www.uncg.edu/psy

FACULTY

George Michel, Professor and Head of Department
Professors Anastopoulos, Calkins, DeCasper, Guttentag, Johnston, Keane, Logan, Nelson-Gray, Salinger, Seta, Shelton, White
Associate Professors Kane, Kwapil, Levine, Silvia, Wisniewski
Assistant Professors Allan, Boseovski, Delaney, Eddington, Gazelle, Marcovitch, Sahakyan, Shanahan, Touron
Lecturers Korotitsch, Ladrow, McKnight

The Department of Psychology approaches its subject matter as a scientific discipline with emphasis placed on understanding behavior and cognition through experimentation and observation.

All of the major areas of specialization in psychology are represented among the interests of the departmental faculty. Biopsychologists study the biological foundations of behavior. Experimental psychologists investigate problems related to cognition, learning, sensation and perception, personality, development, and social functioning. Clinical psychologists emphasize the understanding of psychological disorders and the application of psychological principles to clinical problems and other aspects of adult and child behavior.

The objectives of the curriculum are:

1. To provide an understanding of the use of scientific methodology in psychological research at both intermediate and advanced levels. This understanding will include a familiarity with the design of observational, survey, and experimental studies; principles of inference from scientific data; the logic of statistical testing; and the use of scientific literature.
2. To provide basic knowledge in primary areas of the discipline through an array of required intermediate-level core courses;
3. To develop depth of understanding in areas of the discipline specific to students' individual interests;
4. To ensure that students can write clearly and effectively in an appropriate professional style.

In addition to the B.A. program for undergraduates, the department has a Ph.D. program for graduate students.

Students who wish to seek teacher licensure should see **Teacher Education Programs** as well as below. Such persons should contact the departmental Director of Undergraduate Studies as early as possible.

Psychology Major (PSYC)

Degree: Bachelor of Arts

Required: 122 semester hours, to include at least 36 hours at or above the 300 course level

AOS Codes:

Psychology, U215

Psychology, with Teacher Licensure in Social Studies, U217

The Psychology Major provides a background for entry into a variety of professions other than psychology where understanding the principles of behavior and cognition is important. It also provides the necessary background for individuals planning to do graduate work in either basic or applied psychology.

The curriculum provides students with a structured, sequenced exposure to six core areas in psychology. These are: behavior analysis; biopsychology; clinical psychology; cognitive psychology; development psychology; and, social psychology. Majors must sample from at least four domains at the intermediate (200) level, but can choose a narrower or broader sampling of upper level courses. The curriculum also affords hands-on experience with scientific psychology via laboratory courses and field experiences.

REQUIREMENTS

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category **S.H.**

Students may select courses for:

Literature (GLT) 3

Fine Arts (GFA) 3

Philosophical, Religious, Ethical Principles (GPR) 3

Historical Perspectives on Western Culture (GHP) 3

Natural Sciences (GNS) 6–7

one must be a laboratory course; each must have a different departmental prefix

Reasoning and Discourse (GRD) 6

ENG 101 or FMS 115 or RCO 101, and one additional GRD course

Department specifies courses for:

One additional GLT course *(student may select)* 3

Mathematics (GMT) 3

required: STA 108 or MAT 115 or MAT 150

(students who receive advanced placement credit in mathematics will be approved on a case-by-case basis)

Social and Behavioral Sciences (GSB) 6

required: PSY 121 and one additional GSB

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)

four (4) courses carrying GL/GN markers, at least one of which must carry the GN marker

One Speaking Intensive (SI) Course

In addition to this SI Marker requirement, **students must also complete a second SI course within the major.** All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course

In addition to this WI Marker requirement, **students must also complete a second WI course within the major.** All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III College of Arts and Sciences Additional Requirements (CAR)

See pp. 89–91 for details and courses meeting CAR GPM/GMO and GLS/GPS requirements.

Historical Perspectives on Western Culture 3

one GPM (Premodern) or GMO (Modern) course, depending on category used to satisfy GHP requirement

Natural Sciences (GNS) 3–4

any GLS or GPS course

Social and Behavioral Sciences (GSB) 3

any additional GSB course with a different departmental prefix

Foreign Language (GFL) 0–12

intermediate-level proficiency in one language, demonstrated by placement test, or by completing course work through course number 204

Writing Intensive Courses (WI)

a total of four WI courses

IV Major Requirements

Minimum 35 semester hours in psychology to include the following courses. Students must earn a grade of at least C- in PSY 310 (or STA 271), PSY 311, and in any 200-level course that serves as a prerequisite for advanced 400-level courses.

- PSY 121*, 310 (or STA 271), and 311
- at least four (4) of the seven (7) intermediate-level core courses (230*, 240, 250*, 260*, 265, 275, 280)
- a minimum of four (4) additional PSY courses at the 300 level or above, including at least two (2) courses at the 400 level or above. At least one of the 400-level-or-above courses must be a 4 s.h. lab course.
- PSY 314 and 433 may not be used to satisfy requirements for the major.

**PSY 121, 250, and 260 each satisfy 3 s.h. of GSB; PSY 230 satisfies 3 s.h. of GNS. Students may not complete GSB requirements solely with courses in Psychology.*

V Related Area Requirements

No specific courses required.

VI Electives

Electives sufficient to complete the 122 semester hours required for degree.

Psychology Major with Teacher Licensure in Social Studies

Students majoring in psychology may elect to pursue teacher licensure in Social Studies. Completion of this means of teacher licensure will enable one who wishes to teach Social Studies curricula in the secondary schools to gain the background for teaching psychology courses as well. The requirements for completion of Teacher Licensure in Social Studies are listed under **Teacher Education and Licensure Programs**. The University, College, and departmental major requirements are the same as for any other psychology major. Additional semester hours may be required for completion of the degree.

Those intending to gain teacher licensure are encouraged to choose electives in Sociology, Philosophy, Religious Studies, or Anthropology that address human behavior and experiences from complementary or, perhaps, alternative perspectives.

Second Academic Concentration in Psychology for Elementary Education and Physical Education Teacher Education Majors

Required: minimum of 18 semester hours

This second academic concentration in Psychology is designed specifically for Elementary Education and Physical Education Teacher Education students. It requires completion of a minimum of 18 s.h. to include:

- Three (3) PSY courses at the 200 level
- A minimum of three (3) PSY courses at the 300 level or above, including at least one course at the 400 level or above
- PSY 433 may not be used to satisfy requirements for the concentration in Psychology.

Second Academic Concentration in Psychology for Special Education Majors

Required: 24 semester hours

This second academic concentration in Psychology is designed specifically for Special Education students. It requires completion of a minimum of 24 s.h. to include:

- PSY 250
- Three (3) PSY courses at the 200 level
- A minimum of two (2) 300- or 400-level courses
- A minimum of two (2) additional Psychology courses

Special Education majors should consult with Special Education advisor and/or coordinator for specific recommendations for 200–400-level courses.

Psychology as a Second Major

Required: minimum of 35 semester hours

Requirements for the Psychology Second Major are the same as for a Psychology Major. See above for details.

Honors in Psychology

Requirements

At least 12 s.h. in psychology courses including:

- Two (2) of PSY 495 or PSY 515 or PSY 519. PSY 495 or 519 may be taken more than once for credit to satisfy this requirement.
- PSY 493 and HSS 490. PSY 493 must be taken before HSS 490.

Qualifications

- 3.30 or greater cumulative GPA at graduation
- 3.30 or greater GPA in Psychology
- A declared Psychology Major

Recognition

The designation "Completed Disciplinary Honors in Psychology" and the title of the Senior Honors Project will be printed on the student's official transcript.

Honors Advisor

See department head for further information and guidance about Honors in Psychology.

Psychology Minor

Required: 18–19 semester hours

AOS Code: U215

The psychology minor complements study in a wide range of fields including anthropology, biology, business and marketing, human development, sociology, social work, exercise and sport science, education and counseling, and nursing. A student may earn a minor in psychology by completing 18–19 s.h. in psychology. These must include:

- PSY 121
- a minimum of two (2) psychology courses at the 200 level
- one psychology course at the 400 level or above (excluding PSY 433)
- any two (2) additional psychology courses (excluding PSY 314 and 433)

PSYCHOLOGY COURSES (PSY)

GE Core denotes General Education Core credit; GE Marker denotes General Education Marker credit; CAR denotes College Additional Requirement credit.

Courses for Undergraduates

121 General Psychology (3:3)
GE Core: GSB

Survey of psychology. Includes psychology as science, nervous system, growth and development, sensory and perceptual processes, motivation, emotion, learning, social behavior, personality (normal and pathological), statistics, testing, intelligence, aptitudes, and achievement.

230 Biological Psychology (3:3)
GE Core: GNS CAR: GLS
Pr. 121 or BIO 111 or BIO 105

An introduction to the contributions of molecular, genetic, cellular, developmental, physiological, and evolutionary biology to the scientific understanding of psychological processes.

240 Principles of Learning (3:3)
Pr. 121

Survey of scientific theories and research on learning and motivation according to classic theorists and contemporary behavioral psychologists. Topics include reinforcement, punishment, stimulus control, and examples from the real world.

250 Developmental Psychology (3:3)
GE Core: GSB
Pr. 121
- *May not receive credit for 250 and HDF 302.*

Survey of scientific theories and research findings in human psychological development, including its biological, behavioral, cognitive, social, and emotional aspects.

260 Psychological Perspectives on Social Psychology (3:3)
GE Core: GSB
Pr. 121

Survey of scientific theories and research on the nature, causes, and consequences of individual behavior in social context. Topics include relationships, groups, attitudes, persuasion, aggression, altruism, and prejudice.

265 Theories of Personality (3:3)
Pr. 121

Major theories of personality including psychodynamic, humanistic, behavioral, cognitive, biological, and trait perspectives. Additional focus on methods of research and assessment that provide the theoretical foundation for studying individual differences. (Formerly PSY 360)

275 Introduction to Clinical Psychology (3:3)
Pr. 121

Survey of main issues within clinical psychology. Includes nature and ethics of profession, research methodologies, clinical assessment, models of therapy including empirically validated treatments, and systems of care principles.

280 Cognitive Psychology (3:3)
Pr. 121

Survey of scientific theories and research in cognitive psychology. Topics include human learning, attention, memory, and problem solving.

310 Statistics in Behavioral Science Research (3:3)
Pr. 121, and STA 108 or MAT 115 or MAT 150
- *Psychology majors must earn a grade of at least C- in PSY 310 (or STA 271).*
- *Students may not receive credit for PSY 310 and STA 271 or STA 352 or ECO 250.*

Moment and product-moment statistics; description and inference; estimating parameters and testing significance. Taught at introductory level. Requires knowledge of elementary algebra.

311 Research Methods in Psychology (4:3:3)
Pr. 121, and PSY 310 or STA 271
- *Psychology majors must earn at least a C- in PSY 311.*

Introduction to the research methodologies of psychology and to analysis and interpretation of data. Experience with methods of data collection, basic statistical ways to display and analyze data, and writing reports.

314 Industrial and Organizational Psychology (3:3)
Pr. 121
Pr. for Business majors: admission to the Bryan School of Business and Economics; grade of C or better in MGT 312.

Introduction to industrial and organizational psychology with special emphasis on employee motivation, selection, training, and organizational determinants of employee behavior. (Same as MGT 314)

318 Belief in "Weird" Things (3:3)
GE Core: GRD
Pr. 121

Psychological research on belief in extraordinary, "weird" phenomena, including, but not limited to, the paranormal, superstition, divination, projective tests of personality, alternative healing practices, and unconscious mind control and repression.

341 Abnormal Psychology (3:3)
GE Core: GSB
Pr. 121
- *Students cannot receive credit for this course and for PSY 471.*
- *Not recommended for Psychology majors.*

A description of the various psychological disorders is presented along with the research methods used to study them. Each disorder is approached from a number of perspectives: biological, psychosocial (psychodynamic, interpersonal, behavioral, cognitive, and humanistic) and sociocultural.

346 Sex, Gender, and Behavior (3:3)
Pr. 121

Evaluation of effects of biological sex and gender role socialization on personality and behavior through examination of empirical research.

365 Psychology of Art, Creativity, and Genius (3:3)

Scientific research on psychological aspects of art, the creative process, and the nature of genius and expertise, with examples from fine art, music, literature, architecture, and industrial design.

385 IQ and Intelligence (3:3)
Pr. PSY 121

Psychological research on intelligence and intelligence testing, addressing questions about single versus multiple intelligencies, genetic versus environmental influences, sex and race biases, development and aging, social and emotional intelligence, and learning disabilities.

380 Psychology and the Law (3:3)
GE Core: GPR
Pr. 121; freshmen must have permission of instructor

Psychological research on issues associated with legal proceedings, including but not limited to, jury selection and behavior, eyewitness memory and testimony, and standards of proof will be discussed.

The remaining PSY courses (400 and 500 levels) require the successful completion of PSY 121, and the indicated 200- and/or 300-level prerequisite courses.

433 Research Experience in Psychology (1–3)
Pr. nine (9) s.h. in Psychology, and permission of instructor
- *May be repeated for credit.*

Opportunity for students to participate in various phases of research projects being conducted by faculty members in the Department of Psychology.

435 Brain and Psychological Processes (3:3)
Pr. grade of at least C- in 230
- *Students cannot receive credit for both this course and PSY 435L.*

Study of brain mechanisms for feeding, aggression, sexuality, cognition, consciousness, sleep, learning, memory, thinking, and communication. Examination of brain defects in abnormal behavior and responses to drugs and psychotherapy.

435L Brain and Psychological Processes with Laboratory (4:3:3)
Pr. grade of at least C- in 230, 310 (or STA 271), and 311
- *Students cannot receive credit for both this course and PSY 435.*

Brain mechanisms for feeding, aggression, sexuality, cognition, consciousness, sleep, learning, memory, thinking, and communication. Examination of brain changes with psychopathology and drug treatment. Includes laboratory methods for investigating brain processes.

436 Sensory and Perceptual Processes (3:3)
Pr. grade of at least C- in 230
- *Students cannot receive credit for both this course and PSY 436L.*

Survey of sensory modalities including pain, balance, touch, olfaction, gustation, audition, and vision and how they receive, process, and modify environmental stimuli leading to perception of the world.

436L Sensory and Perceptual Processes with Laboratory (4:3:3)
Pr. grade of at least C- in 230, 310 (or STA 271), and 311
- *Students cannot receive credit for both this course and PSY 436.*

Sensory modalities including pain, balance, touch, olfaction, gustation, audition, and vision as they receive, process, and modify environmental stimuli. Includes laboratory work assessing human visual, auditory, somatosensory, gustatory, olfactory, and vestibular perception.

438 Animal Behavior (3:3)
Pr. grade of at least C- in 230
- *Students cannot receive credit for both this course and PSY 438L or BIO 438 or 439.*

Application of theory of evolution to the explanation of animal behavior. Surveys a variety of species, addressing several behavioral categories as well as issues in sociobiology and human evolution. (Same as BIO 438)

438L Animal Behavior with Laboratory (4:3:3)
Pr. grade of at least C- in 230, 310 (or STA 271), and 311; or BIO 111 and 112
- *Students cannot receive credit for both this course and PSY 438 or BIO 438 or 439.*

Application of theory of evolution to animal behavior. Includes laboratory and field techniques for assessing behavioral adaptations. Surveys several behavioral categories in a variety of species. (Same as BIO 439)

442 Behavioral Approaches to Complex Human Behavior (3:3)
Pr. grade of at least C- in 240
- *Students cannot receive credit for both this course and PSY 442L.*

Examination of contemporary behavior-analytic research and theory pertaining to the social origin of conceptualizing, language, self-awareness, self-control, problem solving, and remembering.

442L Behavioral Approaches to Complex Human Behavior with Laboratory (4:3:3)
Pr. grade of at least C- in 240, 310 (or STA 271), and 311
- *Students cannot receive credit for both this course and PSY 442.*

Contemporary behavior-analytic research and theories of the social origin of conceptualizing, language, self-awareness, self-control, problem solving, and remembering. Includes laboratory methods for investigating elementary and complex behavioral phenomena.

444 Changing Behavior in Real World Settings (3:3)
Pr. grade of at least C- in PSY 240

Principles and applications of behavior analysis in human service, educational, home, and medical settings. Recommended for psychology majors, and graduate and undergraduate students in related human service fields.

455 Social and Personality Development (3:3)
Pr. grade of at least C- in 250 or HDF 302
- *Students cannot receive credit for both this course and PSY 455L.*

Examination of current theories and empirical research concerned with social, emotional, and personality development.

455L Social and Personality Development with Laboratory (4:3:3)
Pr. grade of at least C- in 250 or HDF 302, and 310 (or STA 271), and 311
- *Students cannot receive credit for both this course and PSY 455.*

Examination of current theories and empirical research concerned with social, emotional, and personality development. Includes laboratory work focusing on social and personality development across the life span.

456 Cognitive Development (3:3)
Pr. grade of at least C- in 250 or HDF 302
- *Students cannot receive credit for both this course and PSY 456L.*

Examination of current theories and empirical research concerned with perceptual and cognitive development.

456L Cognitive Development with Laboratory (4:3:3)
Pr. grade of at least C- in 250 or HDF 302, and 310 (or STA 271), and 311
- *Students cannot receive credit for both this course and PSY 456.*

Examination of current theories and empirical research concerned with perceptual and cognitive development including laboratory work, focusing on research methods of cognitive development.

457 Developmental Psychobiology (3:3)
Pr. grade of at least C- in 230, 250, or HDF 302

Examination of current research and theory in behavioral development in non-human animals. Topics include instinct theory, role of experience in development, and the relation between development and evolution of behavior.

460 Interpersonal Behavior and Group Processes (3:3)
Pr. grade of at least C- in 260
- *Students cannot receive credit for both this course and PSY 460L.*

In-depth analysis of interpersonal behavior and group processes. Topics include aggression, prosocial behavior, attraction, prejudice and discrimination, social comparison, close relationships, and groups.

460L Interpersonal Behavioral and Group Processes with Laboratory (4:3:3)
Pr. grade of at least C- in 260, 310 (or STA 271), and 311
- *Students cannot receive credit for both this course and PSY 460.*

Analysis of interpersonal behavior and group processes including laboratory work focusing on research methods of social psychology. Topics include aggression, prosocial behavior, attraction, prejudice, discrimination, social comparison, and groups.

461 Attitudes and Social Influence (3:3)
Pr. grade of at least C- in 260
- *Students cannot receive credit for both this course and PSY 461L.*

In-depth analysis of attitudes and social influence. Topics include attitude structure, formation and change, propaganda and persuasion; attitude-behavior consistency; conformity; compliance; and obedience.

461L Attitudes and Social Influence with Laboratory (4:3:3)
Pr. grade of at least C- in 260, 310 (or STA 271), and 311
- *Students cannot receive credit for both this course and PSY 461.*

Analysis of attitudes and social influence, with laboratory work on attitudes and social influence. Topics include attitude structure, formation and changes, propaganda and persuasion; consistency, conformity, compliance, and obedience.

462 Social Cognition: Perceiving and Thinking in a Social Context (3:3)
Pr. grade of at least C- in 260
- *Students cannot receive credit for both this course and PSY 462L.*

In-depth analysis of how we think about ourselves and others. Topics include impression formation, attribution, affect and cognition, social judgement, stereotyping and the self in social context.

462L Social Cognition with Laboratory (4:3:3)
Pr. grade of at least C- in 260, 310 (or STA 271), and 311
- *Students cannot receive credit for both this course and PSY 462.*

Analysis of how we think about ourselves and others, including laboratory work in social cognition. Topics include impression formation, attribution, affect and cognition, social judgement, sterotyping, and the self.

463 Psychological Perspectives on Personal Relationships (3:3)
Pr. grade of at least C- in 260
- *Students cannot receive credit for both this course and PSY 463L.*

In-depth examination of current theories and empirical research focusing on psychological perspectives of personal relationships. Includes topics related to relationship forms and processes such as intimacy and power.

463L Psychological Perspectives on Personal Relationships with Laboratory (4:3:3)
Pr. grade of at least C- in 260, 310 (or STA 271), and 311
- *Students cannot receive credit for both this course and PSY 463.*

Current theories and research on psychological perspectives of personal relationships including laboratory work in the scientific study of personal relationships. Topics include processes such as intimacy and power.

470 Psychological Disorders of Children (3:3)
Pr. grade of at least C- in 275
- *Students cannot receive credit for both this course and PSY 470L.*
- *Students cannot receive credit for both this course and PSY 502.*

Etiology, assessment, and treatment of various psychological disorders of children, e.g., conduct disorder, attention deficit/hyperactivity disorder, depression, anxiety.

470L Psychological Disorders of Childhood with Laboratory (4:3:3)
Pr. grade of at least C- in 275, 310 (or STA 271), and 311
- *Students cannot receive credit for both this course and PSY 470.*

Etiology, assessment, and treatment of various psychological disorders of children, e.g., conduct disorder, attention deficit/hyperactivity disorder, depression, and anxiety. Includes laboratory work with assessment and other methods in clinical child psychology.

471 Psychological Disorders of Adults (3:3)
Pr. grade of at least C- in 275
- *Students cannot receive credit for this course and PSY 341.*
- *Students cannot receive credit for both this course and PSY 471L.*

Etiology, assessment, and treatment of various psychological disorders of adults, e.g., schizophrenia, depression, anxiety.

471L Psychological Disorders of Adults with Laboratory (4:3:3)
Pr. grade of at least C- in 275, 310 (or STA 271), and 311
- *Students cannot receive credit for this course and PSY 471.*

Etiology, assessment, and treatment of various psychological disorders of adults, e.g., schizophrenia, depression, and anxiety, including laboratory work with clinical assessment techniques and clinical research methods.

472 Field Experience in Applied Settings (3)
Pr. grade of at least C- in 470 or 471; junior standing; and permission of instructor
- *Malpractice insurance fee required for certain placements.*

Community field experience designed to illustrate practical applications of psychological principles and research. Class meetings and written work required in addition to field placement.

481 Cognition and Consciousness (3:3)
Pr. grade of at least C- in 280
- *Students cannot receive credit for both this course and PSY 481L.*

In-depth discussion of psychological processes of attention and memory and their relationship to consciousness. Analyses of theories, experimental techniques, and results.

481L Cognition and Consciousness with Laboratory (4:3:3)
Pr. grade of at least C- in 280, 310 (or STA 271), and 311
- *Students cannot receive credit for both this course and PSY 481.*

In-depth discussion of psychological processes of attention and memory and their relationship to consciousness. Analyses of theories, experimental techniques, and results including laboratory work on research methods of cognitive psychology.

483 The Psychology of Thinking (3:3)
Pr. grade of at least C- in 280
- *Students cannot receive credit for both this course and PSY 483L.*

Research and theory on human problem-solving and reasoning. Topics include classification, categorization, decision-making, rational thought, and a discussion of awareness in thinking.

483L Psychology of Thinking with Laboratory (4:3:3)
Pr. grade of at least C- in 280, 310 (or STA 271), and 311
- *Students cannot receive credit for both this course and PSY 483.*

Research and theory on human problem-solving and reasoning including laboratory work conducting and participating in experiments about thinking. Topics include classification, categorization, decision-making, rational thought, and awareness in thinking.

490 Directed Readings in Psychology (1–3)
Pr. 18 s.h. in psychology, and permission of instructor
- *May be repeated for credit.*

Reading and library research on a specialized topic in the primary scientific literature in psychology under the supervision of a faculty member.

493 Honors Independent Study (3)
Pr. admission to Lloyd International Honors College, 3.30 GPA in the major and 12 s.h. in the major, and completion of PSY 311.

Opportunity for qualified students to complete directed study and/or research under faculty supervision. Work will lead to a written proposal for and enrollment in Senior Honors Project (HSS 490).

495 Senior Honors Seminar (3:3)

Pr. 311H and completion of 200-level core requirements for psychology major, senior standing, and GPA 3.30; or permission of the instructor

- *May be repeated for credit when topics vary.*
- *May be used to meet major requirements.*

Provides students with advanced study and critical analysis of contemporary problems in psychology.

Courses for Advanced Undergraduates & Graduate Students

515 History and Systems of Psychology (3:3)

Pr. senior standing; minimum of 12 s.h. of psychology, including 121; or permission of instructor.

Discussion of prescientific thinking on psychological problems, origin of systems of psychology, and ways systems are reflected in contemporary psychology.

519 Special Topics in Psychology (3:3)

Pr. appropriate introductory 200-level core course or equivalent, or permission of instructor

- *May be repeated for credit when topics vary.*

Intensive examination of current theories and research in a specific area of biopsychology, learning, development, cognition, social psychology or clinical psychology. Check with department for offerings.

Please refer to The Graduate School Bulletin *for additional graduate-level courses.*

Department of Public Health Education

School of Health & Human Performance

437 Health & Human Performance Building
336/334-5532
www.uncg.edu/phe

FACULTY

Dan Bibeau, Associate Professor and Head of Department
Professors Gruchow, Howell
Associate Professors Francisco, Lawrance, Lovelace, Rockhill, Smith, Wyrick
Assistant Professors Aronson, Morrison, Schulz, Strack
AP Assistant Professor McCoy-Pulliam
AP Instructor Essick

Mission Statement

The mission of the Department of Public Health Education is to promote health by supporting the learning, decision-making and capacity of individuals, groups, and communities. In collaboration with Piedmont Triad community organizations, the Department prepares professional health educators and advances public health practice and knowledge.

Public Health Major (PHTH)

Degree: Bachelor of Science

Required: 122 semester hours, to include at least 36 hours at or above the 300 course level

Available Concentrations and AOS Codes:

Community Health Education (122 hours), U407
Health Studies (122 hours), U448

Community Health Education Concentration

Increasing national interest in health and health promotion attracts students to the undergraduate degree program in Community Health Education. The concentration provides field experiences in public and private agencies as part of the professional preparation program. Students are prepared to design and implement health promotion programs in the community. Graduates have careers in national, state, and local health agencies, health and human services organizations, and business and industry. Students who wish to declare a Community Health Education concentration can do so in the department or through UNCG's Web site. You are encouraged to meet with the Department Undergraduate Program Director as soon as possible so that you can be assigned an advisor and receive information about required course schedules and sequences.

Student Learning Goals

As stipulated by the National Task Force on the Preparation and Practice of Health Educators, students in the B.S. in Community Health Education Program will learn to:

- Assess individual and community needs for health education.
- Plan effective health education programs.
- Implement health education programs.
- Evaluate effectiveness of health education programs.
- Coordinate provision of health education services.
- Act as a resource person in health education.
- Communicate health and health education needs, concerns, and resources.

Admission to the Professional Program

1. Completion of the following group of foundation courses with a C (2.0) or better: HEA 308, 339, 314, 315, and 325
2. 60 s.h. with a minimum overall GPA of 2.50, which must be maintained to continue in the Professional Program for the Community Health Education concentration
3. Transfer students with 60 s.h. may apply for admission after completing 12 s.h. at UNCG with a minimum GPA of 2.50 or higher.
4. Students will not be permitted to take upper division courses in the department (HEA 316, 340, 366, 405, 412, 426, 428, and 466) unless they have been formally admitted by the department (or in the case of non-majors, have the permission of the instructor) to the Professional Program in the Community Health Education concentration.

5. Once a student is admitted to the Professional Program, he or she must continue to maintain the cumulative GPA requirement of 2.50 and a C (2.0) or better in all HEA courses—professional program and elective health education courses.

Admission to Senior Internship Course (HEA 428)

1. Admission to the Professional Program
2. Completion of all early field experience requirements and intervention courses (HEA 339, 340, 366, 427, 466)
3. A minimum 2.50 cumulative grade point average
4. A grade of C (2.0) or better in all required HEA courses
5. Completion of HEA 201 and a minimum of six (6) s.h. of health education course work
6. Current CPR and Community First Aid and Safety certification

Graduation Requirements for a B.S. in Community Health Education

1. A grade of C (2.0) or better in all required HEA courses
2. Successful completion of HEA 428 with a grade of P (Pass)
3. Registration for and completion of the CHES exam
4. Completion of all other requirements as described for degree and major

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Health Studies Concentration

The program leading to the Bachelor of Science in Health Studies is designed to prepare individuals for positions in health-related fields; provide a base for graduate study; and provide a foundation for personal growth. The Health Studies concentration provides a foundation in the core areas of public health including: social and behavioral sciences, epidemiology, environmental health, public health statistics, and public health policy and administration.

Our graduates, like other graduates in general education programs such as Women's Studies, African American Studies, International Studies, Environmental Studies, and Liberal Studies, are competitive in the job market for careers in administration, education, health sciences, human relations, and public service, and in other governmental, community-based and/or nonprofit settings. The Health Studies program serves as an academic foundation in health to prepare students for a graduate program in public health, social work, health administration, nutrition, counseling, biomedical sciences, psychology, sociology, anthropology, or other field of interest. In addition, students may choose the health studies concentration while also completing pre-professional programs in medicine, dentistry, pharmacy, optometry, and physical therapy.

Student Learning Goals

Students completing the Health Studies concentration will:

- Understand the purpose, core functions, services, and professions of public health.
- Exhibit proficiency in utilizing the areas of knowledge basic to public health including: social and behavioral sciences, epidemiology, environmental health, public health statistics, and public health policy and administration.
- Embrace the principles and ethics of the public health field.
- Recognize the importance of population-based approaches to addressing the health needs faced by society.
- Exhibit technical skills for collecting, critically analyzing, describing, and disseminating information about health and disease.
- Enrich their understanding of specific populations and health issues through an array of elective courses.

Graduation Requirements for a B.S. in Health Studies

1. A grade of C (2.0) or better in all HEA courses
2. Completion of all other requirements as described for degree and major

ACADEMIC REQUIREMENTS

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	**S.H.**
Students may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
One additional GLT, GFA, or GPR course	3
Historical Perspectives on Western Culture (GHP)	3
Department specifies courses for:	
Mathematics (GMT) required: STA 108	3
Natural Sciences (GNS) required: BIO 111/111L or 105/105L, and NTR 213	6–7
Reasoning and Discourse (GRD) ENG 101 or FMS 115 or RCO 101, and ENG 102	6
Social and Behavioral Sciences (GSB) required: HEA 201	6

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers, at least one of which must carry the GN marker

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major.** All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major.** All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III Major Requirements

Community Health Education Concentration

1. HEA 201*, 308, 314, 315, 316, 325, 339, 340, 366, 405, 412, 427, 428, 466
2. Twelve s.h. from the following courses: HEA 202, 207, 260, 310, 318, 333, 334, 338, 347, 361, 369, 420, 450, 471, 475, 491. May include any of the following one-hour courses: HEA 203, 236, 300, 301, 303, 304, 305, 306, 307, 331.

Health Studies Concentration

1. HEA 201*, 260, 308, 314, 315, 316, 325, 331, 412, 470, 490
2. Twelve s.h. from the following courses: HEA 207, 310, 318, 333, 334, 338, 347, 369, 420, 450, 471, 475, 491. May include any of the following one-hour courses: HEA 203, 236, 300, 301, 303, 304, 305, 306, 307

IV Related Area Requirements (both concentrations)

BIO 111*/111L* or BIO 105*/105L*; CST 341 or 105; ENG 102*; ISM 110; NTR 213*; STA 108*

**BIO 111, 111L or 105, 105L and NTR 213 satisfy one GNS requirement; ENG 102 satisfies one GRD; HEA 201 satisfies one GSB; and STA 108 satisfies GMT.*

V Electives

Electives sufficient to complete total semester hours required for degree.

Health Education or Health Studies as a Second Major

Course requirements for the Health Education or Health Studies second major are the same as for the major.

Minor in Health Studies

Required: minimum of 15 semester hours

Area of Study Code: U425

1. HEA 201 and 308; nine additional s.h. of health courses
2. Grade of C (2.0) or better in courses counted toward minor
3. At least 2.20 grade point average
4. Completion of at least 12 s.h. at UNCG and a minimum grade point average of 2.20 at time of registration for the minor
5. A minimum of 9 s.h. in the minor must be completed at UNCG.

NOTE: Students interested in the minor should contact the Department of Public Health Education.

PUBLIC HEALTH EDUCATION COURSES (HEA)

GE Core denotes General Education Core credit; GE Marker denotes General Education Marker credit; CAR denotes College Additional Requirement credit.

Courses for Undergraduates

201 Personal Health (3:3)

GE Core: GSB

- *Fulfills teacher licensure requirements. Elective for all others.*

Study of determinants of healthful and safe living for various age groups; emphasis on analyses and interpretations of research methods and findings within a social ecological conceptual framework. (FALL & SPRING)

202 Introduction to Peer Health Education (3:2:3)

Study of health issues integrating methods of peer education, preparing students through experiential learning to serve the University community as peer educators. Four tracts: sexual health; alcohol and other drugs; wellness; diversity. (FALL)

203 Peer Health Education: Selected Topics (1:1)

Pr. 202

- *May be repeated twice for a total of 3 credits.*

Continued study in one of four tracts of health topics: sexual health, alcohol and other drugs; wellness; diversity. Students utilize and demonstrate methods of peer health education. (SPRING)

207 International Health (3:3)

GE Marker: GN

Study of international health: health care, conditions, and disease in industrialized and non-industrialized nations; public health and health education approaches to prevention of problems causing morbidity and mortality. (FALL & SPRING)

236 First Aid (1:1)

- *Students may not take both 236 and 338 for credit.*

American Red Cross Standard First Aid Course leading to certification for those who qualify.

260 Human Sexuality (3:3)

GE Core: GSB

Study of psychosocial, biological, cultural, and developmental research aspects of human sexuality emphasizing methods of sexuality research, relationships, gender issues, intimacy, sexual response, reproduction, exploitation, and dysfunctions. (FALL & SPRING)

300 Topics in Preventing Sexually Transmitted Disease (1:1)

Study of those sexually transmitted diseases representative of major causes of morbidity, mortality and behavioral risk-factor data in the United States; interventions for prevention/eradication to be surveyed. (FALL OR SPRING)

301 Topics in Reproductive Health (1:1)

Knowledge and skills to develop and implement health interventions aimed at improving the reproductive health of populations. Health issues from adolescence through the reproductive years will be included. (FALL OR SPRING)

303 Topics in Violence, Injury, and Health (1:1)

Study of types and extent of intentional and unintentional injury, risk factors for, and analysis of public health and health education approaches to prevention. (FALL OR SPRING)

304 Topics in Preventing Unintentional Injury (1:1)

Study of types and extent of unintentional injury, risk factors for unintentional injuries; and analysis of public health and health education approaches to prevention. (FALL OR SPRING)

305 Topics in Chronic Disease (1:1)

Public education approach to the study of chronic diseases includes discussion of epidemiology, risk and protective factors, and health intervention approaches. (FALL OR SPRING)

306 Topics in Stress Management (1:1)

Study of stress and stress related health problems with focus on relevant cognitive information and health education programs designed to improve stress management capabilities of consumers. (FALL OR SPRING)

307 Topics in International Health (1:1)

Study of international health focusing on health care, conditions, and disease in industrialized and non-industrialized nations; public health and health education approaches to prevention of problems causing morbidity and mortality. (FALL OR SPRING)

308 Introduction to Public Health Education (3:3)

Pr. Public Health major or minor; or permission of instructor.

Introduction to the profession of public health education (terminology, purposes, settings, etc.) and roles of professional health educators; foundation course preparing students for the public health education major. (FALL)

310 Emotional Health (3:3)

Pr. junior or senior standing

Consideration of positive emotional health as an integral factor in the total health and well-being of the individual.

314 Disease Processes (3:3)

Pr. Public Health major or minor; or permission of instructor.

Focus on concepts of health and illness, knowledge of the risk factors, etiology and pathogenesis of selected diseases, and understanding of how prevention strategies relate to disease etiology. (FALL)

315 Epidemiology (3:3)

Pr. or Coreq. STA 108 or MAT 115 or higher-level STA or MAT course, or permission of instructor

Study of the distribution and determinants of disease occurrence with emphasis on application to health education. (FALL)

316 Environmental Health (3:3)

An analysis of the identification, assessment, and control of environmental health risks. Focus on the effects of specific toxicants and the prevention of their negative impact on health and well-being. (SPRING)

318 Conflict Resolution and Facilitation Skills (3:3)

Theory and practice in conflict resolution and facilitation of group problem-solving, decision-making, and conflict resolution. (SPRING)

325 Public Health Data Analysis (3:3)

Pr. overall GPA of 2.0; Public Health major; or permission of instructor.

Applied course to develop skills in finding, understanding and analyzing public health data that is essential for needs assessment, program planning and evaluation. (FALL)

331 Topics in Alcohol, Tobacco, and Drugs (1:1)

- *May be repeated for credit when topic varies.*

Analysis of the epidemiology of alcohol/drug use and public health and health education approaches to prevention, intervention and treatment. (FALL OR SPRING)

333 Health of Women (3:3)

We consider how the complexities of women's lives and status influence women's health. Students will consider how research, practice, and action can all contribute to improved health for all women.

334 Community Health (3:3)

Pr. sophomore standing

Overview of complex social, health, and medical problems of modern society, with special emphasis on community programs for solving them. Study of programs of official and voluntary health agencies designed to promote and protect the health of citizens, observed through field trips, discussed by guest lecturers, and studied through other forms of enrichment.

338 Safety and First Aid (3:3)

- *Students may not take both 236 and 338 for credit.*

Study of factors essential to safety in home, school, and community, with emphasis on First Aid and emergency care knowledge and skills. Cardiopulmonary Resuscitation (CPR) included.

339 Introduction to Public Health Education Practice (3:3)

Pr. Public Health major with a concentration in Community Health Education; or permission of instructor.

Meetings with health educators and field trips to introduce students to the application of health education principles. Course is the first in a sequence of four experiential courses. (FALL)

340 Community Observation and Assessment (3:3)

Pr. 201, 308, 314, 315, 325, 339; admission to the professional program; or permission of instructor.

Process for working within a community or population to assess its health needs and assets. Focus on cultural competence, knowledge of community agencies and gatekeepers, and community data collection methods. (SPRING)

341 Elementary School Health (3:3)

Pr. acceptance into Teacher Education Program or permission of instructor

Health content relevant to college students followed by analysis of such content to derive information appropriate for elementary children. Includes methodologies for conduct of elementary school health program. (FALL & SPRING)

347 Health Problems of Lower Income Groups (3:3)

Pr. sophomore standing

Ramifications of poverty-health complex in United States and social differences in physical and mental illness. Emphasis on identification of specific health problems common among the poor and detailed inspection of characteristics of poverty which contribute to these health conditions.

361 Sexuality Education: Content and Methods (3:3:1)

Pr. HEA 260 and permission of instructor

Content and methods for sexuality education among young adults. Emphasis on enhancing student understanding of sexuality through the planning and implementation of selected learning activities.

366 Community Health Interventions I (3:3)

Pr. HEA 201, 308, 314, 315, 325, 339; admission to a professional program; or permission of instructor.

Theory and practice in planning and using health education strategies for individuals and small groups. (SPRING)

369 Lifetime Health Concerns (3:3)

Pr. sophomore standing

Selected predictable physical, mental, and social health concerns from prenatal life through adulthood. Special emphasis on prenatal life through adolescence.

405 Program Planning and Evaluation (3:3)

Pr. HEA 340, 366, and 466; admission to professional program, or permission of instructor.

Methods used by health educators to respond to health problems and opportunities. Emphasis on comprehensive program planning that includes assessment, community involvement, intervention selection and development, implementation, and evaluation. (FALL)

412 Community Health Organizations (3:3)

Pr. HEA 308, 314, 315, 316, and 325; or permission of instructor

Study of the structure and operation of community health organizations. (FALL)

420 The School Health Program (3:3)

Pr. junior or senior standing

Total school health program (healthful environment, health services, and health instruction including curriculum) and its contribution to health and education of children and youth. (FALL)

425 Evaluation in Health Education (3:3)

Pr. HEA 315, 340, and 405; admission to professional program.

Consideration of existing health education instrumentation and its construction and usage to evaluate health knowledge, attitudes, behavior, and programs.

426 Internship Planning (1:1)

Pr. HEA 340, 366, and 466; admission to professional program; or permission of instructor

Professional preparation, planning, and placement for the 400-hour supervised internship experience (428). (FALL)

427 Public Health Education Practicum (Fieldwork III) (3:2:3)

Pr. HEA 340, 366, and 466; admission to professional program; or permission of instructor

Assisting professional health educators, in a variety of community settings, with planning, implementing, and evaluating health education programs/activities for a minimum of 30 contact hours. (FALL)

428 Health Education Internship (Fieldwork IV and Seminar) (12)

Pr. HEA 340, 366, and 466; admission to professional program; or permission of instructor; overall 2.20 GPA; grade of C or better in all required HEA courses; must have current certification in Community First Aid and Safety and CPR.

- *Grade: Pass/Not Pass (P/NP)*
- *Minimum 320 contact hours.*

Experience in using public health education techniques and practices in a community organization/agency. Emphasis on functioning as a professional health educator under supervision. (SPRING)

450 Current Health Problems (3:3)

Examination of selected health problems and/or populations that are of current pertinence. Populations and/or problems will be explored within the context of their impact on society.

466 Community Health Interventions II (3:3)

Pr. HEA 201, 308, 314, 315, 325, 339; admission to the professional program; or permission of instructor.

Theory and practice in selecting, developing and implementing community-level interventions to improve the health of individuals and communities. (SPRING)

470 Adolescent Health (3:3)

Pr. junior or senior standing

Survey of adolescent health problems and needs. Focus on epidemiological trends, behavioral and social etiological factors, and public health interventions to reduce specific adolescent health problems. (SPRING)

471 Immigrant and Refugee Health (3:3)

Pr. junior or senior standing

Overview of issues affecting health promotion among immigrant and refugee populations. Focus on migration, dislocation, resettlement, adjustment, historical, epidemiological, behaviors, cultural, socioeconomic, and political factors, and interventions to address needs. (SPRING)

475 Independent Study (1–3)

Pr. demonstrated competency for independent work and permission of academic adviser and instructor

- *May be repeated once for credit.*

Intensive work in an area of special interest in health education. Available to qualified students on recommendation of academic adviser and instructor.

490 Seminar in Health (3:3)

Pr. HEA 201, 308, 314, 315, 316, 325, 412

Current problems, issues, and trends in health status viewed from an ecological perspective, with an emphasis on the literature and oral communication skills. (SPRING) (Formerly HEA 540)

491 Family-Centered Interdisciplinary Practice: System of Care (3:3)

Pr. permission of instructor

System of care core values/principles infuse service planning/delivery. Students develop competencies in family-centerdness, client partnerships; community services; cultural competency; interagency collaboration. Placement with families included. (SPRING) (Same as HDF 491, RPM 491, SWK 491)

Please refer to The Graduate School Bulletin *for graduate-level courses.*

Department of Recreation, Tourism, and Hospitality Management

School of Health & Human Performance
420-J Health & Human Performance Building
336/334-5327
www.uncg.edu/rth

FACULTY
Stuart J. Schleien, Professor and Head of Department
Professors Bedini, Buettner, Sellers
Associate Professors Canziani, Gladwell, Stone
Assistant Professors Byrd, Cardenas, Hsieh
Adjunct Instructors Callahan, Dorwart, Hardy, Jeffers-Brown, Maxson, Wilson

The Recreation and Parks Management major prepares students to pursue careers in leisure services management, therapeutic recreation, and commercial recreation, and prepares students to pursue graduate study at the master's level. The program has been accredited by the NRPA/AALR Council on Accreditation since 1981.

The Hospitality and Tourism Management major prepares students for a variety of management positions in the hotel, restaurant, and travel and tourism fields. Students first complete a set of courses that gives them a broad foundation in all areas of hospitality and tourism management. Students select one of two concentrations: hotel and restaurant management or travel and tourism management. All students complete a business minor.

The Department of Recreation, Tourism, and Hospitality Management is committed to offering an academically challenging program of undergraduate education coupled with a solid foundation of a liberal arts education.

Recreation and Parks Management Major (RPMT)

Degree: Bachelor of Science

Required: 122 semester hours, to include at least 36 hours at or above the 300 course level

Available Concentrations and AOS Codes:
Commercial Recreation, U445
Leisure Services Management, U419
Therapeutic Recreation, U413

REQUIREMENTS

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
One additional GLT, GFA, or GPR course	3
Historical Perspectives on Western Culture (GHP)	3
Department specifies courses for:	
Mathematics (GMT)	3
required: STA 108	
Natural Sciences (GNS)	6–7
for Therapeutic Recreation concentration: BIO 111 and one other NS course with a different prefix	
for other concentrations: any two GNS courses with different prefixes, one of which must be a lab course	
Reasoning and Discourse (GRD)	6
ENG 101 or FMS 115 or RCO 101, and ENG 102	
Social and Behavioral Sciences (GSB)	6
for Therapeutic Recreation concentration: HDF 211 and PSY 121	
for Commercial Recreation concentration: ECO 201 and one other GSB course	
for Leisure Services Management concentration: any two GSB courses with different prefixes	

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers, at least one of which must carry the GN marker

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major.** All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major.** All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III Major Requirements

For all concentrations

1. RPM 111, 212, 213, 251, 314, 315, 342, 416, 417, 418, 511
2. For both RPM 315 and 417, an overall GPA of 2.0 or better is required prior to registration for the courses.
3. CST 105 or 111; ENG 101* or FMS 115* or RCO 101*, and ENG 102*; STA 108*

**STA 108 satisfies GMT; ENG 101 or FMS 115 or RCO 101 and ENG 102 satisfy GRD.*

NOTE: Both field experiences are typically offered only during the summer sessions and should not be taken during the same summer; students should plan accordingly.

Commercial Recreation Concentration

1. RPM 324, 446, 450, 452
2. Related areas: ACC 201; ECO 201*; ISM 110; MGT 309; MKT 320
   Select two of the following: ECO 202; MGT 312, 313, 330; MKT 327, 421, 424

**ECO 201 satisfies one GSB.*

Leisure Services Management Concentration

1. RPM 241, 445, 446
2. Related Area Requirements

   Select 9 s.h. from two of the following three related areas for a total of 18 s.h.:

   Management: BUS 328; ESS 458; MGT 309, 312, 313, 330; PSC 511, 540, 550; RPM 324, 346, 519

   Policy: GEO 205; PHI 361, 363; PSC 210, 305, 310, 312, 313, 323, 511; RPM 519; SOC 370

   Social Community: ESS 330, 519, 520; PSC 323, 550; RPM 201, 401, 519; SOC 201, 222, 227, 230, 250, 325, 326, 330, 365, 370, 561

Note: Selection of related area courses should be done under the advisement of the academic advisor. Students should recognize that all related area courses are not offered every academic year.

Therapeutic Recreation Concentration

1. RPM 231, 332, 433, 437
2. Related areas: BIO 111*, 271, 277; CED 310; HDF 211*; PSY 121*, 341
3. Select one of the following: ESS 579; HDF 212; HEA 369; SES 135, 200, 540; SOC 222, 223

**BIO 111 satisfies one GNS; HDF 211 and PSY 121 satisfy GSB.*

IV Electives

Electives sufficient to complete 122 total semester hours required for degree.

Recreation and Parks Management Minor

Required: minimum of 15 semester hours

AOS Code: U418

This minor complements a number of majors, including biology, business administration, exercise and sport science, geography, history, human development, political science, psychology, public health education, and social work. Fifteen semester hours are required, including RPM 101 or 111, 212 or 213, 416 or equivalent, and 6–9 hours from department concentration courses. RPM 314 may be counted as a therapeutic recreation concentration course.

Students interested in the minor should register with the Department of Recreation, Tourism, and Hospitality Management, 420-J HHP Building.

Travel, Tourism, and Commercial Recreation Minor

Required: minimum of 15 semester hours

AOS Code: U426

This minor complements a number of majors, including hospitality management, marketing, and geography. Fifteen semester hours are required, including RPM 320, 324, 452, HTM 261 and 456.

Students interested in the minor should register with the Department of Recreation, Tourism, and Hospitality Management, 420-J HHP Building.

Hospitality and Tourism Management Major (HTMT)

Degree: Bachelor of Arts

Required: 122 semester hours, to include at least 36 hours at or above the 300 course level

Available Concentrations and AOS Codes:

Hotel and Restaurant Management, U452

Travel and Tourism Management, U453

REQUIREMENTS

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
One additional GLT, GFA, or GPR course	3
Historical Perspectives on Western Culture (GHP)	3
Department specifies courses for:	
Mathematics (GMT)	3
required: STA 108	
Natural Sciences (GNS)	6–7
any two GNS courses with different prefixes, one of which must be a lab course	
Reasoning and Discourse (GRD)	6
ENG 101 or FMS 115 or RCO 101, and CST 105	
Social and Behavioral Sciences (GSB)	6
required: ECO 201 and one additional GSB course	

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)

four (4) courses carrying GL/GN markers, at least one of which must carry the GN marker; one GL must be HTM 251.

One Speaking Intensive (SI) Course

In addition to this SI Marker requirement, **students must also complete a second SI course within the major**. All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course

In addition to this WI Marker requirement, **students must also complete a second WI course within the major**. All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III Major and Related Area Requirements (minimum 76 semester hours)

All concentrations

1. HTM 151, 251, 351, 352, 450, 452, 455, 456; RPM 418
2. CST 105*; ECO 201*; MGT 309*; STA 108*
3. Students are required to fulfill the business minor as part of their degree program.

Hotel and Restaurant Management Concentration

1. HTM 371, 372, 374, 471
2. Related areas: ACC 201; ISM 110; MGT 309, 312, 330; MKT 320; NTR 103, 303

Travel and Tourism Management Concentration

1. HTM 261, 320 (or GEO/RPM 320), 463
2. Related areas: ACC 201; ISM 110; MGT 309; MKT 320; RPM 213, 315, 324. Select two of the following: MGT 312, 330; MKT 327, 421, 424

Note: The field experience courses RPM 315 and HTM 455 are typically offered only in the summer sessions and should not be taken during the same summer; students should plan accordingly.

**CST 105 satisfies GRD; ECO 201 satisfies GSB; STA 108 satisfies GMT; MGT 309 satisfies WI, SI in major.*

IV Electives

Electives sufficient to complete the 122 semester hours required for degree.

Hospitality and Tourism Minor

Required: minimum of 15 semester hours

AOS Code: U450

- The minor is comprised of a nine (9) s.h. core: HTM 151, 251, and 261, with six (6) additional s.h. in upper-level HTM courses from one of the following emphasis areas: Travel and Tourism (HTM 352 and 463 or 320), Hotel Operations (HTM 351 and 374), or Restaurant Operations (HTM 371 and 372).
- All prerequisites for courses in the HTM minor must be fulfilled.
- All business courses require an overall GPA of 2.0 or better.
- A grade of C- or better is required in all minor courses.
- A minimum of nine (9) s.h. in the minor must be taken in residence at UNCG.

RECREATION AND PARKS MANAGEMENT COURSES (RPM)

GE Core denotes General Education Core credit.

Courses for Undergraduates

101 Leisure and American Lifestyles (3:3)
GE Core: GSB
- *For non-majors only.*
- *Students may not receive credit for both 101 and 111.*

Examination of personal, philosophical, socio-cultural, economic, behavioral, and historical dimensions of leisure; evolution of leisure lifestyles; exploration of the interrelationship between individuals, groups, and society in the context of leisure. (FALL & SPRING)

111 Introduction to Recreation and Parks (3:3)
- *RPMT majors and minors only*
- *Students may not receive credit for both 111 and 101.*

Historical and philosophical foundations of recreation and parks; examination of agencies providing services, social and economic factors influencing recreation in contemporary society, professional organizations, and career opportunities. (FALL & SPRING)

201 Introduction to Community Leadership (3:3)

Provides an overview of key leadership and personal development skills necessary to practice effective leadership in teams and community organizations. Includes exploration, reflection, and synthesis of personal values. (SPRING)

202 Environmental Education (3:3)

Historical and philosophical foundations of environmental education. Exploration of various program types; emphasis on teaching and learning alternatives. Survey of environmental issues and current research.

212 Leadership in Recreation and Parks (3:3)

Analysis of techniques, principles, and practices of leadership and group dynamics in recreation and parks. (FALL & SPRING)

213 Program Planning in Recreation and Parks (3:3)

General principles of program planning; intensive study of program areas available to participants; analysis of methods and techniques of program design, organization, implementation, and evaluation. (FALL & SPRING)

231 Introduction to Therapeutic Recreation and Medical Terminology (4:3:3)

Survey of key concepts, theoretical underpinnings, and procedures in clinical and community recreation settings. Focuses upon varied special needs populations, prescriptive activities, documentations using medical charting, medical and psychiatric terms. (FALL)

241 Introduction to Leisure Services Management (3:3)
Pr. RPMT majors and minors only, or permission of instructor

History and development of public and private non-profit recreation agencies with emphasis on types of programs and services offered, current trends, and issues impacting the delivery of services. (SPRING)

251 Professional Preparation in Recreation and Parks (1:1:2)
Pr. 111
- *RPMT majors only*

A laboratory format course with "hands-on" experience in developing cover letters and professional resumes, job search skills, and interviewing for positions in recreation and parks. (FALL & SPRING)

304 Outdoor Challenge/Adventure Education Programs (3:3)

Principles and practices of outdoor challenge/adventure education; administrative considerations for selection, use, design, and implementation of outdoor challenge/adventure programs.

314 Recreation Services with Underrepresented Groups (3:3)

Awareness of and sensitivity to the needs of people with disabilities and other disenfranchised individuals with regard to planning, delivering, and evaluating recreation/leisure services in the community. (SPRING)

315 Practicum in Recreation and Parks (3 or 6)
Pr. 111, 212, 213, and 231 or 241 or 324, or permission of instructor; must have a cumulative 2.0 GPA to enroll
- *A three (3) semester hour experience may be repeated once for a maximum of six (6) semester hours.*
- *Grade: Pass/Not Pass (P/NP)*

Directed practical experience in approved recreation and parks agency. Opportunities provide for student to develop knowledge, values, and skills appropriate for entry-level practice in the profession. (SUMMER)

316 Leisure for Older Adults (3:3)

Examines leisure and the sociological, legal, medical, and political aspects of older adulthood, as well as issues that impact the leisure of older adults (retirement, caregiving, health, finances).

320 Tourism Planning and Development (3:3)

Geographic distribution of tourist development with an emphasis on the spatial dimension of origin-destination flows, industrial structure, demand, and supply. Tourism planning and agents of tourism development are stressed. (Same as GEO 320 and HTM 320)

324 Commercial and Entrepreneurial Recreation (3:3)
Pr. 111 or permission of instructor

Basic principles and procedures in entrepreneurial and commercial recreation; development and operation of commercial recreation businesses with emphasis on goods and services offered for profit in the leisure market. (SPRING) (Same as HTM 324)

332 Program Design in Therapeutic Recreation (3:3)
Pr. 111, 231, or permission of instructor

Focus on skills for systematic design and evaluation of programs for people with disabilities using various techniques, including activity and task analysis, and client documentation. (SPRING)

342 Recreation Area and Facility Development (3:2:2)

Examination of the basic procedures involved in the planning process; basic considerations in park planning and maintenance management; analysis of the methods and techniques of site evaluation, design, and maintenance management. (FALL)

343 Park and Recreation Maintenance Management (3:3)
Pr. 111, 213, or permission of instructor

Principles and practices of maintenance management; operational policies and procedures in recreation and park agencies.

346 Campus Recreation Management (3:3)

Basic principles and procedures of campus recreation management with emphasis on programming, maintenance, budgeting, and risk management aspects of program development. (SPRING)

347 Outdoor Experiential Education for Small Groups (3:2:3)

Introduction to experiential education theory. Emphasis on small group facilitation skills; policies, procedures and legal factors for management of challenge course; teambuilding; experiential activities to meet client's needs. (SPRING)

401 Strategic Community Leadership (3:3)
- *Open to students in any discipline.*
- *Service-learning designation*

Focus on development of community leadership capacities; identification, analysis, and assessment of community issues; development of proposals for change; blending individual leadership experiences with current community leaders' experiences. (FALL)

405 Special Topics Seminar (3:3)
Pr. course work in appropriate content area and/or permission of instructor
- *May be repeated once for credit.*

Specific course title identified by subscript, e.g., Problems Seminar: Leisure and Aging. Nature of problems themselves and their impact on societies studied.

416 Management in Recreation and Parks (3:3)
Pr. 315 or permission of instructor

Principles and practices of management in recreation and parks agencies with emphasis on motivation, leadership, finance and budgeting, personnel policies and practices, and marketing and public relations. (FALL & SPRING)

417 Internship in Recreation and Parks (12)
Pr. 315 and 416; must have a cumulative 2.0 GPA to enroll
- *Grade: Pass/Not Pass (P/NP)*

Advanced practical experience in an approved recreation and parks agency. Internship consists of a full-time placement for a minimum of 12 weeks and 480 clock hours. (SUMMER ONLY OR PERMISSION OF INSTRUCTOR)

418 Research and Evaluation in Recreation, Parks, and Tourism (3:3)
Pr. 315, STA 108, or permission of instructor

Analysis of research and evaluation methods in recreation, parks, and tourism including problem identification, literature review, data collection methods and analysis, and report writing. (FALL & SPRING)

433 Trends and Issues in Therapeutic Recreation (3:3)
Pr. 315, 332, or permission of instructor

Study of trends and issues in therapeutic recreation; examination of current controversial issues, interdisciplinary team practice, supervisory functions, and professional advocacy. (FALL)

436 Leisure Education (3:3)
Pr. 111 or permission of instructor

Components of leisure education in the delivery of therapeutic recreation services. Emphasis on program development for people with disabilities in transition from educational, clinical, and home environments to community environments.

437 Facilitation Techniques in Therapeutic Recreation (3:3)
Pr. RPM 231

This course will prepare students to plan, implement, and evaluate a variety of therapeutic recreation facilitation techniques and will include intervention descriptions, historical perspectives, efficacy research, and theoretical foundations.

443 Recreation Facility Management (3:3)
Pr. 315, or permission of instructor

Comprehensive understanding of the elements necessary to manage a recreation facility in the public, not-for-profit, and/or private sectors, including supervision, operational control, capacity management, and pricing.

445 Financing Recreation and Parks (3:3)
Pr. 416 or equivalent, or permission of instructor

Financial methods and techniques utilized in recreation and parks. Emphasis on new approaches to financing, alternative financing techniques, fees and charges, and revenue producing facilities. (SPRING)

446 Advanced Management Practices in Recreation and Parks (3:3)
Pr. 416
Principles and practices of management in recreation and park organizations with emphasis on strategic planning and management, organizational change, decision-making, conflict management, problem solving, and managing diversity. (Spring)

450 Service Management (3:3)
Pr. STA 108 and MKT 320 or permission of instructor
Integration of service systems management, human behavior, and marketing in the creation, delivery, and assurance of service quality and customer service. (Spring) (Same as HTM 450)

452 Meeting and Event Planning and Management (3:3)
Pr. 241 or 324, or permission of instructor
Comprehensive understanding of the elements necessary to conduct a quality event or meeting; emphasis on skills needed to identify, create, organize, implement, and evaluate a special event, conference, or meeting. (Fall) (Same as HTM 452)

491 Family-Centered Interdisciplinary Practice: System of Care (3:3)
Pr. permission of instructor
System of care core values/principles infuse service planning/delivery. Students develop competencies in family-centerdness, client partnerships; community services; cultural competency; interagency collaboration. Placement with families included. (Spring) (Same as HDF 491, HEA 491, SWK 491)

493 Honors Work (3–6)
Pr. permission of instructor; 3.30 GPA in the major, 12 s.h. in the major
- *May be repeated for credit if the topic of study changes.*

Courses for Advanced Undergraduates & Graduate Students

511 Seminar in Recreation and Parks (3:3)
Pr. 315, senior standing, or permission of instructor
Examination of current practices in recreation and parks with emphasis on their impact in the delivery of programs and services, and their technological, economic, and political significance in society. (Fall & Spring)

519 Directed Research in Recreation, Parks, and Tourism (3)
Pr. permission of instructor
Identification and investigation of research questions in recreation, parks, and tourism. Opportunity for students to conduct research with direction from scholars in the field. (Fall & Spring)

Please refer to The Graduate School Bulletin *for additional graduate-level courses.*

Hospitality and Tourism Management Courses (HTM)

Courses for Undergraduates

151 Introduction to Hospitality and Tourism Management (3:3)
Overview of the products and services provided by the hospitality industry. Introduction to the roles of industry managers at all organizational levels. Skill development in the measurement of operational productivity. (Fall & Spring) (New course number effective fall 04; formerly HMT 211)

245 Cross-cultural Study Tour in Hospitality and Tourism (6:1:20)
GE Marker: GL
Pr. UNCG GPA of 2.0 or higher
- *Course may be repeated once for a total of 12 s.h.*

Cross-cultural study tour examining leadership styles, business strategies, cultural and hospitality traditions internationally; emphasis on U.S. and global business decisions. (Summer)

251 Multicultural Issues in Hospitality and Tourism (3:3)
GE Marker: GL
Multicultural and global issues in hospitality and tourism. Historical, socioeconomic, cultural, and linguistic variables impacting tourism and hospitality marketing, operations, and human resources. Study of selected Western and non-Western cultures. (Fall & Spring)

261 Introduction to Travel and Tourism (3:3)
Pr. or Coreq. HTM 151 or permission of instructor
Survey of travel and tourism with emphasis on its origins, present characteristics, and societal impacts; implications of travel in the United States and emerging importance of international travel. (New course number effective fall 04; formerly RPT 221)

320 Tourism Planning and Development (3:3)
Geographic distribution of tourist development with an emphasis on the spatial dimension of origin-destination flows, industrial structure, demand, and supply. Tourism planning and agents of tourism development are stressed. (Same as GEO 320 and RPM 320)

324 Commercial and Entrepreneurial Recreation (3:3)
Pr. RPM 111 or permission of instructor
Basic principles and procedures in entrepreneurial and commercial recreation; development and operation of commercial recreation business with emphasis on goods and services offered for profit in the leisure market. (Spring) (Same as RPM 324)

351 Hotel Operations (3:3)
Pr. HTM 151, ACC 201, and ECO 201 or permission of instructor
Exploration of hotel management from a rooms perspective. Topics include revenue-management, forecasting, budgeting, measuring operational and employee performance, ethics, and property management technology. (Fall) (New course number effective fall 04; formerly HMT 341)

352 Destination Management (3:3)
Coreq. 151 or permission of instructor
Introduction to the management of tourism destinations. Students will be exposed to the entire destination management process including basic concepts, planning, development, management, and marketing of tourism. (Spring)

371 Restaurant Development and Operations (3:3)
Pr. HTM 151, ACC 201, and ECO 201 or permission of instructor
Operations of quick-service, casual, and fine dining restaurants with emphasis on concept and menu development, cost/volume/profit relationships, forecasting demand and market share, market niche/positioning, scheduling, customer service, technology, and ambience/environment. (Fall)

372 Catering and Beverage Management (3:3)
Pr. HTM 151, ACC 201, and ECO 201 or permission of instructor
How to profitably plan, manage, and debrief a food and beverage event and meet or exceed guest requirements. Participation in catered events on and/or off campus will be required. (Spring) (Formerly HMT 473)

374 Hospitality Facilities Design and Systems (3:3)
Pr. HTM 151, ACC 201, and ECO 201 or permission of instructor
Focuses on the how and why of matching facility design to operational goals. Students learn to communicate functional goals from an operator's viewpoint to design and engineering professionals. (SPRING) (Formerly HMT 342)

445 Community-Based Tourism Planning (3:1:6)
Pr. HTM 261, proof of basic language proficiency of country, or permission of instructor
Theory and practical applications of tourism planning, which includes market analysis, infrastructure proposal and development, and implementation strategies. International travel required. (SUMMER)

450 Service Management (3:3)
Pr. STA 108 and MKT 320 or permission of instructor
Integration of service systems management, human behavior, and marketing in the creation, delivery, and assurance of service quality and customer satisfaction. (SPRING) (Formerly HMT 412) (Same as RPM 450)

452 Meeting and Event Planning and Management (3:3)
Pr. HTM 151 and MKT 320 or permission of instructor
Comprehensive understanding of the elements necessary to conduct a quality event or meeting; emphasis on skills needed to identify, create, organize, implement, and evaluate a special event, conference, or meeting. (FALL) (New course number effective fall 04; formerly RPT 423) (Same as RPM 452)

455 Internship in Hospitality and Tourism Management (12:0:36)
Pr. 151, 351, MGT 312; documented work experience of 200 clock hours in industry; major status; and permission of program advisor
This internship enables HTM students to gain valuable work experience within the hospitality industry. 480 supervised clock hours required for completion of this 12 credit course. (FALL & SPRING & SUMMER) (New course number effective fall 04; formerly HMT 451)

456 Issues and Trends in Hospitality and Tourism (3:3)
Pr. HTM 452 or permission of instructor
Study of the current trends and issues in travel and tourism; examination of ethical and legal issues, marketing and management strategies, and providers of tourism products and services. (SPRING) (New course number effective fall 04; formerly RPT 426)

459 Independent Study in Hospitality and Tourism (1–3)
Pr. HTM 151 and 351 and permission of program advisor
- *May be repeated once for a total of six (6) semester hours.*

Independent research experience conducted by individual students under the supervision of a selected program faculty member. (FALL & SPRING) (New course number effective fall 04; formerly HMT 462)

463 Sustainable Tourism Development (3:3)
Pr. 151, 261, or permission of the instructor
The study of sustainability and its relationship to the economic, environmental, and social dimensions of tourism development. (ALT FALL)

471 Hospitality Training and Performance Systems (3:3)
Pr. 151, CST 105, STA 108, ISM 110, and MGT 312, or permission of the instructor
Managing hotel and restaurant employee competency, diversity, and motivation through training and recommending necessary changes in hospitality organization work policies, processes, and structures to support desired performance. (FALL)

Department of Religious Studies

College of Arts & Sciences

109 Foust Building
336/334-5762
www.uncg.edu/rel

FACULTY
Derek Krueger, Professor and Head of Department
Professors Bregman, Levinson, Orzech, Rogers
Associate Professors Hart, Ramsey
Assistant Professors Bucar, Grieve, Haskell
Lecturers Duckworth, Headington, McKinnon, Mortimore, Sopper

The Department of Religious Studies investigates a variety of religious traditions, movements, and expressions that play important roles either historically or in contemporary cultures.

The Department teaches courses on such traditions as Buddhism, Christianity, Confucianism, Hinduism, Islam, Judaism, Shinto, and Taoism. Historical studies include courses about religions in African, Asian, Middle East, European, and American (especially United States) history. Cultural and theoretical studies include courses on religious philosophies, ethics, and theologies; political, social, and psychological accounts of religious life; the role religion plays in politics, economics, social movements, arts, sciences, and diverse forms of personal conduct.

Religious Studies Courses Meeting General Education Core and Marker Credit

Philosophical/Religious/Ethical (GPR)
REL 101, 104, 109, 111, 207, 209, 218, 220, 221, 223, 225, 232, 250, 251, 258, 259, 327

Historical Perspectives (GHP)
REL 202, 204, 210, 212, 215, 229, 231, 240

Global (GL)
REL 101, 104, 204, 209, 210, 212, 215, 240

Global Non-Western (GN)
REL 111, 218, 220, 221, 223, 225, 250, 351

Religious Studies Major (RELS)

Degree: Bachelor of Arts

Required: 122 semester hours, to include at least 36 hours at or above the 300 course level

AOS Code: U219

The Religious Studies Major participates in a diversified program in the humanities, studying religious history, imaginative literature, systems of thought, and criticisms of culture, politics, and society. Because religious studies majors engage in multidisciplinary studies in the liberal arts, they are well-qualified to enter any field that profits from disciplines of exposition, analysis, appreciation, criticism, and historical reflection. Upon graduation, Religious Studies majors have gone into teaching, medicine, nursing, law, business, ministry, journalism, and communications.

Members of the Religious Studies Department are available to advise students about career opportunities and to refer them to further information that may be of help.

REQUIREMENTS

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
Historical Perspectives on Western Culture (GHP)	3
Mathematics (GMT)	3
Natural Sciences (GNS)	6–7
one must be a laboratory course; each must have a different departmental prefix	
Reasoning and Discourse (GRD)	6
ENG 101 or FMS 115 or RCO 101, and one additional GRD course	
Social and Behavioral Sciences (GSB)	6
Department specifies courses for:	
One additional GLT course *(student may select)*	3

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers, at least one of which must carry the GN marker

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major**. All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major**. All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III College of Arts and Sciences Additional Requirements (CAR)

See pp. 89–91 for details and courses meeting CAR GPM/GMO and GLS/GPS requirements.

Historical Perspectives on Western Culture	3
one GPM (Premodern) or GMO (Modern) course, depending on category used to satisfy GHP requirement	
Natural Sciences	3–4
any GLS or GPS course	
Social and Behavioral Sciences (GSB)	3
any additional GSB course with a different departmental prefix	
Foreign Language (GFL)	0–12
intermediate-level proficiency in one language, demonstrated by placement test, or by completing course work through course number 204	

Writing Intensive Courses (WI)
a total of four WI courses

IV Major Requirements

Minimum 27 semester hours in Religious Studies above the 100 level.

1. REL 298, Thinking About Religion, 3 s.h.
2. One course from each of the following categories for a total of nine (9) s.h.:
   Western Traditions: REL 209, 210, 212, 215, 229, 231, 232, 240, 301, 309, 310, 312, 313, 326, 327, 328, 382, 383
   Non-Western Traditions: REL 218, 220, 221, 223, 225, 351, 366, 367, 368
   Cultural & Theoretical Studies: REL 207, 259, 318, 324, 333, 356, 365
3. Four (4) additional electives in Religious Studies above the 100 level for twelve (12) s.h.
4. Senior Seminar: REL 410 (3 s.h.)

V Electives

Electives sufficient to complete the 122 semester hours required for degree.

Religious Studies as a Second Major

Required: minimum of 27 semester hours above the 100 level

Requirements for a Second Major in Religious Studies are the same as for the Religious Studies Major.

Religious Studies as a Second Academic Concentration for Elementary Education and Special Education Majors

Required: minimum of 18 semester hours

1. Two courses (6 s.h.) from Traditions and Historical Studies: REL 201, 202, 204, 210, 212, 215, 218, 220, 221, 225, 229, 250, 301, 305, 311, 313, 351, 366, 367
2. Two courses (6 s.h.) from Cultural and Theoretical Studies: REL 207, 232, 240, 251, 259, 309, 310, 312, 314, 315, 318, 323, 325, 326, 327, 328, 330, 333, 340, 365, 503
3. Two additional REL courses (6 s.h.) at the 200 level or above

Religious Studies Minor

Required: minimum of 18 semester hours

The Religious Studies Minor complements majors in a variety of fields in the humanities and social sciences; for others it provides a way to focus various disciplines in the humanities on a profoundly significant part of cultures around the world.

A student may earn a minor in religious studies by completing a minimum of 18 semester hours in Religious Studies at or above the 100 level including:

1. REL 298, Thinking About Religion, 3 s.h.

2. One course from each of the following categories for a total of nine (9) s.h.

   Western Traditions: REL 209, 210, 212, 215, 229, 231, 232, 240, 301, 309, 310, 312, 313, 326, 327, 328, 382, 383

   Non-Western Traditions: REL 218, 220, 221, 223, 225, 351, 366, 367, 368

   Cultural & Theoretical Studies: REL 207, 259, 318, 324, 333, 356, 365
3. Two additional electives in Religious Studies at the 100 level or above for six (6) s.h.

RELIGIOUS STUDIES COURSES (REL)

GE Core denotes General Education Core credit; GE Marker denotes General Education Marker credit; CAR denotes College Additional Requirement credit.

Courses for Undergraduates

101 Introduction to Religious Studies (3:3)
GE Core: GPR *GE Marker: GL*

Inquiry into religion through consideration of forms, patterns, categories, symbols, and practices which characterize various religious experiences.

104 Religion, Ritual, and the Arts (3:3)
GE Core: GPR *GE Marker: GL*

A study of how myths and stories are used in ritual and the arts. The specific traditions treated will vary.

107 Myth and Ritual in Antiquity (3:3)

Exploration of classic religious themes in their earliest expression in ancient myth and ritual.

109 Religion and Contemporary Culture (3:3)
GE Core: GPR

Understandings of religion as shaped by contemporary social institutions, the arts, politics, and philosophy.

111 Non-Western Religion (3:3)
GE Core: GPR *GE Marker: GN*

Comparative study of non-Western religions and their contributions to modern religious self-understanding, focusing critically and evaluatively on such patterns of expression as myth, ritual, and social forms.

121 Religious Themes in World Literature (3:3)

Religious attitudes and themes concerning suffering, bafflement, and evil.

190 Introduction to Scriptural Language (1–3)
- *May be repeated when topic changes.*

Introduction to the language of a major scriptural tradition, such as Hebrew, Chinese, Tibetan, or Sanskrit. Emphasis on writing system, grammar, and vocabulary. (FALL)

191 Studies in Scriptural Language (1–3)
- *May be repeated when topic changes.*

Directed readings of significant religious texts in their original languages, such as Hebrew, Greek, Chinese, Tibetan, or Sanskrit. (SPRING)

201 The Bible in Western Culture (3:3)
GE Core: GPR *GE Marker: GL*

Study of significant themes and issues in the Bible and their expression in the religious literature and history of Europe and America.

202 Hebrew Scriptures (3:3)
GE Core: GHP *CAR: GPM*

Study of the Hebrew scriptures (the Old Testament) in historical, sociological, and literary context.

204 New Testament and the Origins of Christianity (3:3)
GE Core: GHP *GE Marker: GL* *CAR: GPM*

Study of the New Testament texts in their historical, sociological, and literary contexts.

207 Modern Problems of Belief (3:3)
GE Core: GPR

Exploration of ways in which God has been understood in the context of the eclipse of religion in Western culture from the Enlightenment to the present.

209 Elements of Christian Thought (3:3)
GE Core: GPR *GE Marker: GL*

Investigates the coherence of Christian accounts of such topics as incarnation, trinity, creation, evil, sacraments, the body, and salvation. (FALL)

210 Christianity to the Reformation (3:3)
GE Core: GHP *GE Marker: GL* *CAR: GPM*

Study of classic Christian texts, symbols, rituals, and social movements to the dawn of the Reformation.

212 Christianity from the Reformation to the Present (3:3)
GE Core: GHP *GE Marker: GL* *CAR: GMO*

Examination of a range of themes in the history of Christian thought from the sixteenth century to present, through reading of a variety of texts representative of Christian traditions.

215 Judaism (3:3)
GE Core: GHP *GE Marker: GL* *CAR: GPM*

Introductory study of Judaism, its history, texts, life, and thought.

218 Non-Western Religions: China (3:3)
GE Core: GPR *GE Marker: GN*

A study of the religions of China in the classical and modern periods focusing on thought, ritual, social structure, and aesthetics.

220 Non-Western Religions: Japan (3:3)
GE Core: GPR *GE Marker: GN*

A study of the religions of Japan in the classical and modern periods focusing on thought, ritual, social structure, and aesthetics.

221 Buddhism (3:3)
GE Core: GPR *GE Marker: GN*

Introduction to the origin, development, and impact of Buddhism in Asian cultures. Focus on religious doctrines, forms of community, religious practices, techniques, art and iconography, and the implications of the Buddhist perspective for the contemporary world in both Asia and the West.

223 Hinduism (3:3)
GE Core: GPR *GE Marker: GN*

Introduction to the Hindu religious tradition, its myths, rituals, music, social structure, and philosophical thought.

225 Islam (3:3)
GE Core: GPR *GE Marker: GN*

Introduction to origins of Islam and its development as a world religion focusing on doctrine, ritual practices, and community structures.

229 Introduction to African American Religions (3:3)
GE Core: GHP *CAR: GMO*

Examination of the diverse beliefs and practices of African American religious traditions and their development in the Americas.

231 Religion in America (3:3)
GE Core: GHP *CAR: GMO*
Diverse religious traditions and thinkers that have played a significant role in the history of the United States from Native American beginnings to the present. (Formerly REL 131)

232 American Religious Thought: A Survey (3:3)
GE Core: GPR
Three Americans—Jonathan Edwards (1702–1756), a Puritan-reformed Christian; Ralph Waldo Emerson (1802–1882), a Romantic; and William James (1843–1910), a pragmatist—pursue tensions between grace and law.

240 Modern Jewish Thought (3:3)
GE Core: GHP *GE Marker: GL* *CAR: GMO*
A survey of modern Jewish thinkers from Spinoza to Rozensweig.

250 Religious Traditions and Care of the Earth (3:3)
GE Core: GPR *GE Marker: GN*
Examination of the thought, ethics, and practice of major religious traditions and worldviews with regards to the care of the earth. Emphasis on non-Western, indigenous, and ecofeminist traditions.

251 Topics in Religious Social Ethics (3:3)
GE Core: GPR
- *May be repeated for credit when topic varies.*

Inquiry into the social teachings of diverse religious traditions with respect to such current topics as economic development and social justice, human rights, democracy, freedom, human well-being and the environment.

252 Ritual Studies (3:3)
- *May not be repeated for credit when topic varies.*

Inquiry into ritual through the consideration of the relations among ritual experience, practice, and theory. The specific traditions treated will vary.

253 Religion, Art, and Visual Culture (3:3)
- *May not be repeated for credit when topic varies.*

Explores religion and its relation to visual culture through the exploration of specific works of art. The specific traditions treated will vary.

258 Darwin, Evolution, and Human Nature (3:3)
GE Core: GPR
The Origin of Species and *The Descent of Man* revolutionized our understanding of life. In this course, we explore the religious, philosophical, and ethical implications of Darwin's evolutionary theory. (FALL OR SPRING)

259 Philosophy of Religion (3:3)
GE Core: GPR
Arguments concerning God's existence, the problem of evil, God's foreknowledge and human freedom, the analysis of divine attributes, immortality and the soul.

298 Thinking About Religion (3:3)
Critical reflection on the academic study of religion. Evaluation of theories of religion drawn from the social sciences, humanities, and religious traditions themselves through their application to case studies. (FALL)

301 Early Christianity (3:3)
Development of various kinds of Christian beliefs and practices from the second to seventh centuries. Focus on primary sources.

303 Experimental Course: Christianity in Byzantium (3:3)
Explores the formation of Orthodox Christianity from the sixth to the twelfth century. Topics include liturgy, icons, church architecture and decoration, saints' cults, monasticism, and lay practice. (Offered spring '07)

305 Religions of the Greco-Roman World (3:3)
Study of themes in Judaism, Christianity, and pagan religious movements of the Mediterranean world from Alexander to Constantine.

309 Spirituality and Culture in the West (3:3)
Examines spirituality in Western religious traditions in relation to changing roles of men and women, spiritual needs, culture, and identity.

310 Christianity and the Construction of Gender (3:3)
Study of the role of categories of male and female in the creation and maintenance of Christian notions of holiness, authority, and hierarchy in historical perspective.

311 Topics in Biblical Studies (3:3)
Pr. 201 or 202 or 204, or permission of instructor
- *May be repeated for credit when topics vary, with permission of instructor.*

Examination of specific biblical texts, themes, or interpretations in the context of Jewish and Christian religious traditions or in terms of significant literary or historical issues.

312 Judaism and the Construction of Gender (3:3)
Jewish understandings of gender from ancient to modern times, with focus on law and tradition, roles in the Jewish community, family, sexuality, and Jewish theology.

313 Topics in Ancient Judaism (3:3)
- *May be repeated for credit when topics vary, with permission of instructor.*

Diversity of Judaism in the ancient world; study of major themes, texts, and movements in ancient Judaism; focus on primary texts, material culture, and scholarly approaches.

314 Saint and Society in the Early Middle Ages (3:3)
Examination of the concept of sanctity and of the rise and function of the veneration of holy men and women in Christian tradition from the fourth to the seventh century.

315 Religious Autobiography in the West (3:3)
Exploration of changing views of selfhood in the Western autobiographical traditions from Augustine's Confessions to the present.

318 Theories and Methods in the Study of Religion (3:3)
Examination of theories of religion advanced by anthropologists, sociologists, historians, and theologians. Consideration of case studies to understand religion as a system of beliefs and practices.

323 Religious Movements and Communities: Selected Topics (3:3)
- *May be repeated when topic varies.*

Selected topics will bring to bear historical, analytical, theological, and ethical tools to understand religious movements. Faculty and topics will vary.

324 Philosophical Issues in Religion (3:3)
- *May be repeated for credit when topic varies.*

Modes of philosophical reflection, groups of human conceptuality and their relation to the truth of religious claims.

325 Contemporary American Jewish Thought (3:3)

Analysis and evaluation of American Jewish thinkers: Kaplan, Heschel, Soloveichik, and Fackenheim. Topics include the Holocaust, Israel, relations with Gentiles, Jewish life in a democracy, and relations with African Americans.

326 American Religious Thought I (3:3)

Exploration of American religious thought from settlement through the National Period (mid-19th century), focusing on the works of Puritans, Rationalists, and Romantics.

327 American Religious Thought II: The Romantic Tradition (3:3)

GE Core: GPR

A study of thinkers like Emerson, Whitman, and Thoreau that focuses on issues concerning religion in a democracy, divinity and nature, and the 'revelatory' character of poetry.

328 American Religious Thought III: The Pragmatic Tradition (3:3)

Study of classic pragmatic religious thinkers, including Peirce, James, Royce, Santayana, and Dewey. Focuses on issues concerning the character of religious experience, divinity and nature, the problem of evil.

330 Major American Religious Thinkers (3:3)

Pr. permission of instructor

- *May be repeated for credit when topic varies.*

Topics to vary. Analysis and evaluation of major works by an American religious thinker, e.g., Jonathan Edwards, or works exemplifying a particular intellectual movement, e.g., the Puritan Christian Enlightenment.

332 Contemporary African American Religious Thought (3:3)

Explores the variety of contemporary African American religious thought: Buddhist, Christian, Islamic, Judaic, and New World Yoruba. The relation between religious racial identities is a primary focus.

333 Religion and Psychology (3:3)

Presents classic Western and/or Asian psychological theories of religion and shows how various religious traditions understand the human psyche.

340 Modern Jewish Thinkers (3:3)

Pr. 240

- *May be repeated for credit when topic varies.*

Analysis and evaluation of major works by a Jewish thinker, e.g., Martin Buber, or works exemplifying a particular intellectual movement, e.g., Jewish existentialism. Topics will vary.

341 Experimental Course: Judaism in the Modern World (3:3)

Study of the religious, political, social, intellectual, and economic forces that affected the development of Judaism since the French Revolution, and the consequences for Jewish life. (Offered spring '03)

351 Religion in Traditional Societies (3:3)

GE Marker: GN

Study of religion in traditional societies in which the basic question "What is it to be human?" is raised by entering into the diverse symbolic worlds of native Americans, Africans, or others.

355 The Religious Discourse of Civil Rights (3:3)

Explores Protestant, Catholic, and Jewish involvement in American racial reform in the twentieth century.

356 Religion and Colonialism (3:3)

Explores colonialism as an ensemble of ritual performances—performances of charisma, violence, gender, race, and writing—that provide the interpretive context for the study of religion.

365 Myth and Theory (3:3)

An examination of theories of myth in light of intensive readings in Asian, African, and Western Mythology, with emphasis upon the role of myth in religion and culture.

366 Religions of China: Selected Topics (3:3)

Explores selected aspects of Chinese religions. Possible topics include ritual, Taoist alchemy, ancestor worship, Ch'an Buddhism, the underworld and the dead.

367 Religions of Japan: Selected Topics (3:3)

Exploration of selected aspects of Japanese religions. Possible topics include ritual, Japanese festivals, Shinto, ancestor worship, Zen Buddhism, the underworld and the dead.

368 Religion in South Asia: Selected Topics (3:3)

- *May be repeated for credit when topic varies.*

Selected aspects of religion in South Asia. Possible topics include ritual, myth, festivals, and pilgrimage in Jainism, Islam, Hinduism, Buddhism, or other religions of the Indian subcontinent. (ALT SPRING)

382 Topics in Christian Thought (3:3)

- *May be repeated for credit when topic varies.*

Examination of an issue in Christian thought or history. (FALL)

383 Seminar in a Major Christian Thinker (3:3)

- *May be repeated for credit when topic varies.*

Examination of a major thinker in Christian thought or history. (FALL)

401, 402, 403, 404 Tutorial (1–3), (1–3), (1–3), (1–3)

Pr. permission of instructor

Directed program of reading, research, and private instruction.

410 Senior Seminar (1–3)

- *Required of all seniors.*
- *May be repeated for up to nine (9) semester hours of credit when topic varies.*

Colloquium on a unifying theme or major recent work in Religious Studies. Topic will vary with instructor.

420 Internship in Religious Studies (3:0:10)

Pr. two REL courses at the 300 level

- *Religious Studies majors and minors only.*
- *May be repeated once for credit.*

Practical experience in a variety of professional settings. Includes 10 hours per week at internship site, plus regular meetings with a faculty advisor.

493 Honors Work (3–6)

Pr. permission of instructor; 3.30 GPA in the major, 12 s.h. in the major

- *May be repeated for credit if the topic of study changes.*

Courses for Advanced Undergraduates & Graduate Students

503 Topics in Religious Studies (3:3)

Pr. permission of instructor

- *May be repeated once for credit.*

Study of role, nature, and function of selected social forms of religious life through cross-cultural comparison or intensive study of one religious tradition.

Please refer to The Graduate School Bulletin *for additional graduate-level courses.*

Residential College

College of Arts & Sciences

Mary Foust Hall
336/334-5915
www.uncg.edu/res/

FACULTY

Frances C. Arndt, Director and Lecturer in Residential College
Christine R. Flood, Lecturer in Residential College
Jeanne Aaroe, Assistant Director and Lecturer in Residential College
M. Jeffrey Colbert, Lecturer in Residential College
Thomas Dempster, Lecturer in Residential College
Sara Littlejohn, Lecturer in Residential College
Kathleen Ahern, Department of German and Russian
Murray D. Arndt, Emeritus, Department of English
Kimberly M. Cuny, Department of Communication Studies
John D. Loftin, Department of Religious Studies
Robert Miller, Department of Chemistry and Biochemistry
Mark Moser, Department of History
Charles D. Orzech, Department of Religious Studies
Ben Ramsey, Department of Religious Studies
Ann Berry Somers, Department of Biology
Walker Weigel, Department of Mathematics and Statistics

Mission Statement

The mission of the Residential College of UNCG is to create a home on campus where students can relate serious academic studies to communal issues and personal development. Its goal is the holistic education of all participants: staff, faculty, students, friends. In particular the program promotes transition from school to later life through student participation and leadership, through a balance of private and public values and through a tradition of fostering friendship.

The Residential College was created at UNCG in 1970 to provide a setting that encourages innovative study, small classes, unity of academic and social experiences, and close student-faculty contacts.

The Residential College is a two-year program for freshmen and sophomores with a limited number of Upper-class Mentor participants. Members of the program live and have classes in a coeducational residence hall. A Coordinator of Residential Learning, who serves on the faculty, resides in the hall. Other faculty members have offices in the residence hall. Students and faculty serve on governing committees and participate together in special events within the dormitory.

Faculty members from many different departments and schools teach in the Residential College. Courses taught fulfill General Education Core Requirements and requirements of the College of Arts and Sciences.

All students are asked to participate in an interdisciplinary core course focusing on the American experience and to choose another class from a wide range of other academic subjects. These seminars, along with varied types of independent study and community service work, make up six to nine hours of a student's semester course load. The remaining hours are taken in the University outside the Residential College. Residential College students are full members of UNCG and are expected to participate in the life of UNCG.

All students who have been admitted to UNCG automatically qualify for application to Residential College. Anyone who wishes to receive more information about the program is encouraged to contact the Residential College, 336/334-5915, or view their Web site: www.uncg.edu/res.

RESIDENTIAL COLLEGE COURSES (RCO)

GE Core denotes General Education Core credit; GE Marker denotes General Education Marker credit; CAR denotes College Additional Requirement credit.

101 English Composition I (3:3)
GE Core: GRD
- *Equivalent credit to ENG 101/FMS 115; students may not receive credit for both RCO 101 and either ENG 101 or FMS 115.*

Designed to develop the student's ability to read with discrimination and write effectively. Littlejohn

102 English Composition II (3:3)
GE Core: GRD
- *Equivalent credit to ENG 102/FMS 116; students may not receive credit for RCO 102 and either ENG 102 or FMS 116.*

Practice in writing responsible public discourse. Students write extended, informed arguments on issues of public concern. Attention to critical reading, effective use of evidence. Seabrooke

108, 109 Residential College Core Course: The Deep Roots of the American Experience through 1890 (3:3)
GE Core: GHP, GLT, GPR, or GSB
CAR: 108—GPM; 109—GMO

First-year multidisciplinary course focusing on the American experience.

208, 209 Residential College Core Course: The American Experience: 1900–present (3:3)
GE Core: GHP, GLT, GPR, or GSB
CAR: 208—GPM; 209—GMO

Second-year multidisciplinary course focusing on the American experience.

Sections offered for academic year 2006–07 were:

208 The American Experience: 1900–2000 (3)
F. Arndt, M. Colbert, C. Flood, M. Moser, B. Ramsey

209 The American Experience: 1945–present (3)
F. Arndt, M. Colbert, C. Flood, M. Moser

200 Residential College Seminars

Concentrated and in-depth seminars meeting General Education Core credit and College of Arts and Sciences Requirements, and intended to complement the core program. Seminars are set up each year, each offering 3 s.h. credit.

Seminars for 2006–07 were:

112-01 Contemporary Topics in Mathematics (3) Howell
GE Core: GMT

115-01 College Algebra (3) Kilgariff
GE Core: GMT

212-01 Buddhism (3) Orzech
GE Core: GPR *GE Marker: GN*

213-01 Non-Western Religions (3) Grieve
GE Core: GPR *GE Marker: GN*

216-01 Hinduism (3) Grieve
GE Core: GPR *GE Marker: GN*

223-01 Grail Literature (3) F. Arndt, M. Arndt
GE Core: GLT

226-01 Women in Literature (3) F. Arndt
GE Core: GLT
232-01 Fine Arts Seminar (3) Martin
GE Core: GFA *GE Marker: GL*
235-01 Music Appreciation (3)
GE Core: GFA
252-01 Epic of Evolution (3) Somers
GE Core: GNS *CAR: GPS*
255-01 Introduction to Geography (3) Lennartson
GE Core: GNS
CAR: GPS
273-01 General Psychology (3) Rhodes
GE Core: GSB
276-01 Personal Health (3) Irwin-Olson
GE Core: GSB
287-01 Major Authors in Russian Literature (3) Ahern
GE Core: GLT *GE Marker: GN*
301 Independent Study (3) J. Aaroe
302 Advanced Study (3) J. Aaroe

Retailing and Consumer Studies

(see Consumer, Apparel, and Retail Studies)

Department of Romance Languages

including French, Italian, Portuguese, and Spanish

College of Arts & Sciences

2321 Moore Humanities and Research Administration
336/334-5655
www.uncg.edu/rom

FACULTY

Carmen T. Sotomayor, Associate Professor and Head of Department
Professors Fein, Sears, Smith-Soto
Associate Professors Campo, Chesak, Grossi
Assistant Professors Derusha, García-Bayonas, Hontanilla, Suárez, Triano-López
Lecturers, Beal, Bender, Córdoba, Costa, Dattalo, Daughton, Dola, Filipski, Freeman, Hill, Horley, Jones-Worden, López, McLin, Schilke, Taylor

Mission Statement

Romance Languages is one of the departments of the College of Arts and Sciences. Its primary and essential mission is to provide a variety of liberal arts programs in the language, literature, and culture of the four major Romance areas: French, Italian, Portuguese, and Spanish. In addition to offering the Bachelor of Arts and the Master of Arts degrees in French and Spanish, the Department takes seriously its commitment to future teachers of those languages in the public and private schools of North Carolina, as well as community colleges. As an integral part of that mission, the Department participates fully in the Master of Education degree with concentrations in French and Spanish, offered through the Department of Curriculum and Instruction of the School of Education. The Department is committed to excellence in teaching and research, promotes critical inquiry across the disciplines, and supports the professional schools, the intellectual community, and the public.

The Department of Romance Languages offers a variety of programs in language, literature, and culture of four of the major Romance areas: French, Italian, Portuguese, and Spanish. Students may begin the study of any of these at the elementary level or continue it at the intermediate level.

Students with special learning needs may qualify for the **Modified Foreign Language Program in Spanish**. Registration in the program requires written permission from the Department of Romance Languages. Contact the department for further information or read detailed information available at www.uncg.edu/rom.

Intermediate proficiency is expected for further work in French or Spanish. According to the student's interests, he or she may then begin the study of literature, culture, or develop language skills in composition and conversation. **Native or near-native speakers must consult with an appropriate departmental advisor before signing up for courses in the Department of Romance Languages.** Students cannot receive credit for lower-level courses after taking and receiving credit for higher level ones.

To maintain the high quality of language instruction at UNCG, students declaring a major in either French or Spanish must sit for an **oral competence evaluation** during the semester in which they first take a 300-level course in

their major. This evaluation is part of our ongoing program assessment and in no way affects the academic record of the students. The undergraduate advisor and/or instructor will notify majors with pertinent information at the time of the evaluation.

The Department's goals are three-fold:

1. To provide practical training in understanding, speaking, reading, and writing a foreign language.
2. To promote those values in the liberal arts tradition that derive particularly from the study of language and literature: increased understanding of language itself as structure and process, and the enlightening encounter with cultures and modes of thought different from one's own.
3. To prepare students interested in becoming French and Spanish teachers by providing a range of courses and experiences in their prospective field.

In addition to the Bachelor of Arts degree, the department offers the Master of Arts in Romance Languages with concentrations in French and Spanish. Students interested in a Master's of Education degree in French or Spanish should contact the Department of Curriculum and Instruction in the School of Education. The department also offers a 15-hour Post-Baccalaureate certificate in Advanced Spanish Language and Hispanic Cultural Studies. The certificate is designed for professionals who may have a bachelor's degree in a field other than Spanish, but who are able to demonstrate linguistic and analytical skills in Spanish equivalent to completion of 21 undergraduate semester hours above the 200 level. For additional information, see http://www.uncg.edu/rom.

Special facilities and features include language clubs, the possibility of study abroad, and French and Spanish honor societies. Achievement in Romance Studies is recognized by means of annual awards to outstanding juniors and seniors.

Language Placement Test

Students with one or more years of high school French or Spanish who wish to continue the study of that same language at UNCG *must* take the Language Placement Test. Incoming transfer students returning to the study of French or Spanish begun in high school, but not previously pursued at the college level, *must* also take the Language Placement Test. The test is administered at SOAR orientation sessions during the summer and before the beginning of each semester. The test may also be taken during the year on an individual basis, by appointment, in the Romance Languages Department office. Students should call the department at 336/334-5655 to schedule their appointment.

Students with one year or more of Italian or Portuguese in high school, or with previous knowledge of these languages, must contact the course instructor or a departmental advisor before registering for courses in these languages.

Notice: Placement test scores will be valid for one year after the test is taken. The test can be taken only twice within a year and with at least a six-month interval between attempts. After a student has registered for any of the courses in a language program, he or she cannot take the placement exam again. Once a student has begun the lower-level sequence (101–204/241) she or he cannot retake the placement exam in order to place out of any of the remaining courses in the sequence.

Students in need of additional advising or with concerns regarding the placement results are asked to make an appointment with a designated faculty member.

A student who scores at the interview-stage level and is planning to continue in the language at the 300 level, must consult the Director of Undergraduate Study for French or Spanish or other designated faculty member before registering for any other course in the language. The advisor will interview the student in order to determine his or her placement at the 300 level or recommend courses at the intermediate level to reinforce the student's background in the language.

If a student who scores at the interview-stage level does not plan to continue study in the language, the Department of Romance Languages will confirm the student's Language Placement Test scores with Student Academic Services, and the student will be considered as having met the foreign language requirement at UNCG.

French or Spanish Major (FREN or SPAN)

Degree: Bachelor of Arts

Required: 122 semester hours, to include at least 30 hours at or above the 300 course level

AOS Codes:

French, U159

French, with Special Subject-Area Teacher Licensure (K–12), U161

Spanish, U227

Spanish, with Special Subject-Area Teacher Licensure (K–12), U229

The French and Spanish Majors are designed to ensure a well-rounded preparation in language, literature, and culture. The programs are balanced and comprehensive, yet they allow students the latitude to explore subjects of special interest to them. Specific course and area requirements and electives in language, literature, and culture characterize both programs. The majors in Romance Languages begin at the 300 level.

REQUIREMENTS FOR BOTH MAJORS

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	6
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
Historical Perspectives on Western Culture (GHP)	3
Mathematics (GMT)	3
Natural Sciences (GNS)	6–7
one must be a laboratory course; each must have a different departmental prefix	

Reasoning and Discourse (GRD) 6
ENG 101 or FMS 115 or RCO 101, and one additional GRD course

Social and Behavioral Sciences (GSB) 6

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers, at least one of which must carry the GN marker

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major.** All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major.** All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III College of Arts and Sciences Additional Requirements (CAR)

See pp. 89–91 for details and courses meeting CAR GPM/GMO and GLS/GPS requirements.

Historical Perspectives on Western Culture 3
one GPM (Premodern) or GMO (Modern) course, depending on category used to satisfy GHP requirement

Natural Sciences 3–4
any GLS or GPS course

Social and Behavioral Sciences (GSB) 3
any additional GSB course with a different departmental prefix

Foreign Language (GFL) 0–12
intermediate-level proficiency in one language, demonstrated by placement test, or by completing course work through course number 204

Writing Intensive Courses (WI)
a total of four WI courses

IV Residency Hours

Students should note the following regulations regarding residency hours: each student must complete a minimum of 122 semester hours required for graduation, including 31 hours in residency at UNCG, with 12 hours in the major and 9 hours in the minor.

Requirements for the French Major

No requirement for the major can be met by a grade lower than C-. Minimum 30 semester hours at the 300 level or above, including:

1. Language: 6 s.h. from: 301*, 311, 312, 313, 315, 415, 497, 511
2. Literature and/or Film: 12 s.h. from: 353 (prerequisite to 400- and 500-level literature courses), 453, 454, 498, 507, 553, 554, 555, 556, 557, 558, 561, 562
3. Culture and Civilization: 3 s.h. from 331, 332, 341, 496, 532, 557 (if topic is Paris)
4. Electives: 9 s.h.

**May not be taken for credit by students who have successfully completed FRE 315 or above.*

Students seeking teacher licensure must include Civilization [331 or 332 or 496 or 532 or 557 (if topic is Paris)], Composition (315 or 415 or 497), and Conversation (311 or 312 or 313) in the 30 hours. The Phonetics competency may be met by completing 311.

The following courses are excluded for credit toward the major: FRE 222, 232, 323.

French as a Second Major

Required: minimum of 30 semester hours

Students must complete the requirements described above for the French major (30 s.h.)

French as a Second Academic Concentration

Required: minimum of 24 semester hours

The department offers a 24-hour second academic concentration in French that meets requirements for Elementary and Middle Grades Education (School of Education) and certain other University programs in education. Consult with the Undergraduate Major Advisor for French.

All courses must be at the 300 level or above, including:

1. Language: 6 s.h. from 301*, 311*, 312*, 313*, 315*, 415*, 497*, 511
2. Literature and/or Film: 9 s.h. from: 353 (prerequisite to 400- and 500-level literature courses), 453, 454, 498, 507, 553, 554, 555, 556, 557, 558, 561, 562
3. Electives: 9 s.h.

The following courses are excluded for credit toward the second academic concentration: FRE 222, 232, 323. No requirement for the concentration can be met by a grade lower than C-.

**301 may not be taken for credit by students who have successfully completed FRE 315 or above; 311 satisfies both the Phonetics competency and the Conversation requirements for licensure; 312 or 313 (or 311, see above) may be taken to satisfy the Conversation requirement for licensure; 315 or 415 or 497 may be taken to satisfy the Composition requirement for licensure.*

Special Subject-Area Teacher Licensure in French

French majors (or second majors) seeking teacher licensure must include Civilization [331 or 332 or 496 or 532 or 557 (if topic is Paris)]. The phonetics (pronunciation) competency is met through 311. Literature courses should be chosen so as to represent a range of periods, movements, and/or genres. Admission to teacher education and student teaching in French requires a minimum GPA of 2.75 overall and in the major. Please see additional teacher licensure requirements discussed in **Teacher Education Programs**.

Requirements for the Minor in French

AOS Code: U159

15–21 semester hours of courses in French above 203, excluding second- and third-year-level culture and literature courses having all instruction, readings, and assignments in English (FRE 222, 232, 323). Either 204 or 241 (but not both) also apply toward the minor.

Requirements for the Spanish Major

No requirement for the major can be met by a grade lower than C-. Minimum 30 semester hours at the 300 level and above, including:

1. Bridge language course: 301
2. Three (3) literature courses: 351, one 400-level and one 500-level course
3. Two (2) composition courses: 315, 415
4. One conversation course, selected from 311, 313, 411
5. One course in civilization, selected from 332, 334, 532, 534, 535
6. Two (2) elective courses

The following courses are excluded for credit toward the major: SPA 222, 233.

Spanish as a Second Major

Required: minimum of 30 semester hours

Students must complete the requirements described above for the Spanish major (30 s.h.)

Spanish as a Second Academic Concentration

Required: minimum of 24 semester hours

The department offers a 24-hour second academic concentration in Spanish that meets requirements for Elementary and Middle Grades Education (School of Education) and certain other University programs in education. Consult with the Undergraduate Major Advisor for Spanish.

All courses must be at the 300 level or above, including:

1. Bridge language course: 301
2. Two (2) literature courses: 351, and one 400- or 500-level course
3. One composition course, selected from 315, 415
4. One conversation course, selected from 311, 313, 411
5. One course in civilization, selected from 332, 334, 532, 534, 535
6. Phonetics: 416
7. One elective course

The following courses are excluded for credit toward the second academic concentration: SPA 222, 233. No requirement for the concentration can be met by a grade lower than C-.

Special Subject-Area Teacher Licensure in Spanish

Majors or second majors seeking teacher licensure must include Phonetics (416) as one of their electives. Admission to teacher education and student teaching in Spanish requires a minimum GPA of 2.75 overall and in the major. Please see additional teacher licensure requirements discussed in **Teacher Education Programs**.

Requirements for the Minor in Spanish

AOS Code: U227

15–21 semester hours of courses in Spanish above 203, excluding courses in English translation.

Electives for Both Majors

Electives sufficient to complete the 122 semester hours required for degree.

Honors in Romance Languages (French; Spanish)

Requirements

12 semester hours of Honors and advanced courses with grades of B or better:

- 6 s.h. in the major (any combination of 500-level courses, contract Honors courses, and/or FRE/SPA 493)
- 3 s.h. of other courses (advanced and contract courses in the major, and/or any Honors courses, whether in the major or not)
- HSS 490 Senior Honors Project* (3 s.h.), done in the major.

**The proposed project must be approved by the departmental Undergraduate Major Advisor and be supervised by a faculty member in Romance Languages. The Honors Project will also be presented orally to representatives of the Department faculty and to interested University students.*

Qualifications

- A declared Romance Languages Major (French; Spanish)
- At least a 3.30 GPA overall and in the major at graduation

Recognition

The designation "Completed Disciplinary Honors in Romance Languages (French)" or "Completed Disciplinary Honors in Romance Languages (Spanish)" and the title of the Senior Honors Project will be printed on the student's official transcript.

Honors Advisor

See Dr. Roberto Campo (French) or undergraduate advisor for Spanish for further information and guidance about Honors in Romance Languages.

Accelerated Master's Programs for French and Spanish Majors

Interested students should see **Accelerated Master's Programs for Undergraduates** for details about the B.A. in French or Spanish/M.B.A. program requirements.

Related Courses, Second Majors

Suggested: second foreign language and literature; English or American Literature; Classical Studies; European, Spanish or French, or Spanish American History; International Studies; Linguistics; Music; Art; Social Science; Anthropology; International Business Studies; Religious Studies.

FRENCH COURSES (FRE)

GE Core denotes General Education Core credit; GE Marker denotes General Education Marker credit; CAR denotes College Additional Requirement credit.

Courses with all instruction, readings, and assignments in English

222 Explorations in French Literature: English Versions (3:3)
GE Core: GLT GE Marker: GL

232 Images of France and the Francophone World (3:3)
GE Marker: GL

323 Albert Camus: English Versions (3:3)
GE Core: GLT GE Marker: GL

A full description of these courses will be found in numerical order in the French courses listed below. All remaining courses are taught in French.

Courses for Undergraduates

101 Beginning French I (3:3)
GE Marker: GL
- *Students with previous knowledge of French are required to take the placement exam.*

Introduction to French with practice in listening, speaking, writing, and reading. Supplementary instruction in the language laboratory.

102 Beginning French II (3:3)
GE Marker: GL
Pr. FRE 101

Continued introduction to French with practice in listening, speaking, writing, and reading. Supplementary instruction in the language laboratory.

203 Intermediate French I (3:3)
GE Marker: GL CAR: GFL
Pr. 102 or equivalent

Review and further study of basic French structures. Emphasis on the active use of language skills: listening, speaking, writing, reading.

204 Intermediate French II (3:3)
GE Marker: GL CAR: GFL
Pr. FRE 203 or equivalent
- *Students may not receive credit for both FRE 204 and FRE 241.*

Further study of basic French focusing on an introduction to French and Francophone literature. Emphasis on reading, writing, and vocabulary.

210 Intermediate French Conversation (1:1)
Pr. FRE 204/241 or equivalent, or departmental permission
- *May be repeated for credit up to 2 s.h.*
- *Grade: Pass/Not Pass (P/NP)*

Designed for students who wish to improve their oral proficiency in French. Topics of current interest as presented by various French media (radio, TV, newspaper/magazine reports).

222 Explorations in French Literature: English Versions (3:3)
GE Core: GLT GE Marker: GL
- *May not be used for credit toward French major or minor.*

The best of French literature read and discussed in English. Topics vary, each taking a broad perspective on an important theme, genre, or period.

232 Images of France and the Francophone World (3:3)
GE Marker: GL
- *May not be used for credit toward French major or minor.*

A study in English of French and Francophone civilizations and cultures and their impact on modern Western culture. Emphasis on understanding present-day issues and evaluating stereotypical images. (FALL)

241 Intermediate French: Culture and Business (3:3)
GE Marker: GL CAR: GFL
Pr. FRE 203 or equivalent
- *Students may not receive credit for both FRE 204 and FRE 241.*

Further study of basic French focusing on topics and vocabulary pertaining to the culture and business practices of present-day France. Emphasis on speaking, reading, writing, and grammar.

301 Advanced French (3:3)
Pr. 204 or 241 or equivalent, or departmental permission
- *May not be taken for credit by students who have successfully completed FRE 315 or above.*

An opportunity to increase proficiency in oral and written language skills while extending knowledge of French literature and contemporary French culture. A bridge to advanced work in all areas.

311 French Conversation and Phonetics (3:3)
Pr. 204 or 241 or equivalent, or departmental permission

Training in spoken French and phonetics.

312 French Conversation and Culture (3:3)
GE Marker: GL
Pr. 204 or 241 or equivalent, or departmental permission

Training in spoken French in the context of French culture.

313 Conversation in France (3)
Pr. 204 or 241 or equivalent, or departmental permission

Intensive formal and informal training in French conversation in a living French setting. Offered only as a summer program in France.

315 Advanced Grammar and Composition (3:3)
GE Marker: GL
Pr. 204 or 241 or equivalent, or departmental permission

Study of grammar and idiom. Formal and informal writing.

323 Albert Camus: English Versions (3:3)
GE Core: GLT GE Marker: GL
- *May not be used for credit toward French major or minor.*

Reading and discussion of Camus' novels, plays, and essays in English.

331 Culture and Civilization in France (3:3)
Pr. 204 or 241 or equivalent, or departmental permission

Offered only as a summer program in France. Special emphasis on a region of France and on Paris.

332 Introduction to French Civilization and Culture (3:3)
Pr. 204 or 241 or equivalent, or departmental permission

An introduction to French civilization and culture with a primary focus on modern institutions of the Fifth Republic.

341 Business French (3:3)
GE Marker: GL
Pr. 204 or 241 or equivalent, or departmental permission

French used in various types of business, with practice in writing and speaking. Readings on economic aspects of the French-speaking world.

353 Survey of French Literature (3:3)
GE Core: GLT
Pr. 204 or 241 or equivalent, or departmental permission

French literature from Middle Ages through the twentieth century.

415 Advanced French Composition (3:3)
Pr. 315 or departmental permission
Review of grammar and practice in informal and formal writing skills. Emphasis on the explication de texte and the dissertation littéraires.

453 Topics in French Literature: Ancien Régime (3:3)
Pr. 353 or departmental permission
- *May be repeated for credit when topic varies.*

Advanced studies in French literature of the Middle Ages and Renaissance, or of the seventeenth and early eighteenth centuries.

454 Topics in Modern French Literature (3:3)
Pr. 353 or departmental permission
- *May be repeated for credit when topic varies.*

Advanced studies in French literature of the late eighteenth and nineteenth centuries, or of the twentieth century.

493 Honors Work (3–6)
Pr. permission of instructor; 3.30 GPA in the major, 12 s.h. in the major
- *May be repeated for credit if the topic of study changes.*

496 Directed Study in French and Francophone Civilization and Culture (3:3)
Pr. departmental permission required.
Directed study and research in French and Francophone civilization and culture.

497 Directed Study in French Language (3:3)
Pr. departmental permission required.
Directed study and research in French language.

498 Directed Study in French and Francophone Literature (3:3)
Pr. departmental permission required.
Directed study and research in French and Francophone literature.

Courses for Advanced Undergraduates & Graduate Students

507 Teaching French through French Literature (3:3)
Pr. 353 or departmental permission
- *For upper-level majors and graduate students who plan to teach French.*

Strategies for teaching the French language through its literature. All major genres represented.

511 The Theory and Practice of French Translation (3:3)
Pr. 315 or permission of instructor
An exploration of the theory and practice of translation from and into French.

532 French and Francophone Civilization and Culture (3:3)
Pr. 331, 332, or 496, or permission of instructor
Study of the vast heritage of French civilization. Discovery of the historical, geographical, sociological, political, cultural, and artistic life of France and the Francophone world.

553 Topics in French Literary Movements (3:3)
Pr. 353 or departmental permission
- *May be repeated for credit when topic varies.*

In-depth study of a major literary trend: mannerism, classicism, realism, naturalism, and others.

554 Topics in French Prose Fiction (3:3)
Pr. 353 or departmental permission
- *May be repeated for credit when topic varies.*

Studies in prose fiction—roman, conte, nouvelle, etc.—through a variety of critical and historical approaches, each topic focusing on one such approach.

555 Topics in French Poetry (3:3)
Pr. 353 or departmental permission
- *May be repeated for credit when topic varies.*

Studies in French poetry through a variety of critical and historical approaches.

556 Topics in French Theatre (3:3)
Pr. 353 or departmental permission
- *May be repeated for credit when topic varies.*

Studies in French theatre through a variety of critical and historical approaches.

557 Advanced Topics in French Literature (3:3)
Pr. 353 or departmental permission
- *May be repeated for credit when topic varies.*

Nontraditional perspectives on literature in the French language: thematic topics, and others.

558 Topics in Francophone Literature (3:3)
Pr. 353 or departmental permission
- *May be repeated for credit when topic varies.*

Studies in Francophone literature through a variety of aspects or genres, each topic focusing on one such aspect or genre.

561 The Auteur Director (3:2:3)
Pr. BCN 171 or departmental permission
- *May be repeated for credit when topic varies.*

Works of an individual film director. Subject differs from offering to offering. (Same as ITA 517 and SPA 561)

562 Studies in Film Genre (3:2:3)
Pr. BCN 171 or departmental permission
- *May be repeated for credit when topic varies.*

Technical, dramatic, social, and rhetorical dimensions of a film genre or genres. Subject differs from offering to offering. (Same as ITA 518 and SPA 562)

ITALIAN COURSES (ITA)

GE Core denotes General Education Core credit; GE Marker denotes General Education Marker credit; CAR denotes College Additional Requirement credit.

Courses For Undergraduates

101, 102 Beginning Italian (3:3), (3:3)
GE Marker: GL
Pr. 101 prerequisite to 102
Introduction to Italian with practice in hearing, speaking, reading, and writing. Supplementary instruction in the language laboratory.

203, 204 Intermediate Italian (3:3), (3:3)
GE Marker: GL *CAR: GFL*
Pr. 102 or equivalent; 203 prerequisite to 204
Review and further study of Italian, followed by reading of contemporary authors.

210 Intermediate Italian Conversation (1:1)
Pr. ITA 203 or equivalent or departmental permission
- *May be repeated for credit up to 2 s.h.*
- *Grade: Pass/Not Pass (P/NP)*

Designed for students who wish to improve their oral proficiency in Italian. Topics of current interest as presented by various Italian media. For elective credit only. (ALL)

222 Italian Masterpieces in English Translation (3:3)

Best of Italian literature read and discussed in English. Topics vary, each taking a broad perspective on an important theme, genre, or period.

313 Conversation in Italy (3:3)

Pr. 204 or equivalent

An intensive conversation course oriented toward life in modern Italy and emphasizing the language of the media, the public domain and contemporary culture. Offered in UNCG Summer Program in Italy.

Courses for Advanced Undergraduates & Graduate Students

517 The Auteur Director (3:2:3)

Pr. BCN 171 or departmental permission

- *May be repeated for credit when the topic varies.*

Works of an individual film director. Subject differs from offering to offering. (Same as FRE 561, SPA 561)

518 Studies in Film Genre (3:2:3)

Pr. BCN 171 or departmental permission

- *May be repeated for credit when the topic varies.*

Technical, dramatic, social, and rhetorical dimensions of a film genre or genres. Subject differs from offering to offering. (Same as FRE 562, SPA 562)

PORTUGUESE COURSES (POR)

GE Core denotes General Education Core credit; GE Marker denotes General Education Marker credit; CAR denotes College Additional Requirement credit.

Courses For Undergraduates

101, 102 Beginning Portuguese (3:3) (3:3)

GE Marker: GL

Pr. for 102: 101 or departmental permission

Introduction to Portuguese with practice in listening, speaking, writing, and reading skills, and introduction to Portuguese, Brazilian, and Lusophone cultures.

203, 204 Intermediate Portuguese (3:3) (3:3)

GE Marker: GL CAR: GFL

Pr. for 203: 102 or equivalent

Pr. for 204: 203

Review and further study of basic Portuguese structures with emphasis on active use of language skills: listening, speaking, writing, and reading. Further study of Portuguese, Brazilian, and Lusophone cultures.

233 Topics in Brazilian Culture and Civilization (3:3)

GE Marker: GN

- *May be repeated when topic varies.*
- *Taught in English*

Cultural, political, and social developments in Brazil. Focus will vary, with course topics relating to different aspects of Luso-Brazilian culture.

SPANISH COURSES (SPA)

GE Core denotes General Education Core credit; GE Marker denotes General Education Marker credit; CAR denotes College Additional Requirement credit.

Courses with all instruction, readings, and assignments in English

222 Hispanic Masterpieces in English Translation (3:3)

GE Core: GLT GE Marker: GL

233 Hispanic Cultures and Civilizations (3:3)

GE Marker: GL

Full descriptions of these courses will be found in numerical order in the Spanish courses listed below. All remaining courses are taught in Spanish.

Courses for Undergraduates

100 Spanish for Health Care (3:3)

GE Marker: GL

- *Grade: Pass/Not Pass (P/NP)*

Provides students with basic knowledge of Spanish vocabulary and language structures necessary to communicate with clients in health care settings. Emphasis will be on oral-aural skills.

101 Beginning Spanish I (3:3)

GE Marker: GL

- *Students with previous knowledge of Spanish are required to take the placement exam.*

Introduction to Spanish with practice in listening, speaking, writing, and reading. Supplementary instruction in the language laboratory.

102 Beginning Spanish II (3:3)

GE Marker: GL

Pr. SPA 101

Continued introduction to Spanish with practice in listening, speaking, writing, and reading. Supplementary instruction in the language laboratory.

203 Intermediate Spanish I (3:3)

GE Marker: GL CAR: GFL

Pr. SPA 102 or equivalent

Review and further study of basic Spanish structures with emphasis on active use of language skills: listening, speaking, writing, reading.

204 Intermediate Spanish II (3:3)

GE Marker: GL CAR: GFL

Pr. SPA 203 or 240

Review and further study of basic Spanish structures with emphasis on active use of language skills: listening, speaking, writing, reading.

222 Hispanic Masterpieces in English Translation (3:3)

GE Core: GLT GE Marker: GL

- *May not be used for credit toward Spanish major or minor.*

Best of Spanish and Spanish-American literature read and discussed in English. Topics vary, each taking a broad perspective on an important theme, genre, or period.

233 Hispanic Cultures and Civilizations (3:3)

GE Marker: GL

- *May be repeated when topic varies.*
- *May not be used for credit toward Spanish major or minor.*
- *Taught in English.*

Cultural, political, and social developments in the Hispanic world. Focus will vary, with course topics relating to Spain, Latin America, U.S. groups, or all three.

240 Intermediate Spanish I for Business (3:3)
GE Marker: GL CAR: GFL
Pr. SPA 102 or equivalent
• *Students may not receive credit for both SPA 203 and 240.*
Review and further study of basic Spanish structures with emphasis on active use of language skills: listening, speaking, writing, reading, and culture in the business context. Alternative to SPA 203. (FALL AND SPRING)

241 Intermediate Spanish II for Business (3:3)
GE Marker: GL CAR: GFL
Pr. SPA 203 or 240 or equivalent
• *Students may not receive credit for both SPA 204 and 241.*
Further study of basic Spanish structures with emphasis on active use of language skills: listening, speaking, writing, reading, and culture in the business context. Alternative to SPA 204. (FALL AND SPRING)

301 Advanced Spanish (3:3)
GE Marker: GL
Pr. 204 or 241 or equivalent, or departmental permission
An opportunity to increase proficiency in oral and written language skills while extending knowledge of Hispanic culture. A bridge course required for advanced work in all areas. (FALL & SPRING)

311 Spanish Conversation (3:3)
GE Marker: GL
Pr. 301 or departmental permission
Intensive and methodical training in spoken Spanish.

313 Conversation in a Spanish-Speaking Country (3)
Pr. 204 or 241 or departmental permission
Intensive formal and informal training in Spanish conversation in a Spanish or Latin American setting. Offered only in UNCG Program Abroad.

314 Spain Today (3)
Pr. 204 or 241 or departmental permission
An intensive, one month grammar review and practical orientation course for students participating in the UNCG Study Abroad Program in Spain, emphasizing contact with people in public places, exposure to media, and visits to principal cultural centers.

315 Intermediate Spanish Composition (3:3)
GE Marker: GL
Pr. 301 or departmental permission
Intensive study of grammar and idiom. Formal and informal writing.

332 Introduction to Spanish Culture (3:3)
GE Marker: GL
Pr. 301 or departmental permission
Introduction to the culture of Spain. Selected readings on the culture by noted Spanish authors, films, slides with classroom discussions.

334 Introduction to Spanish American Culture (3:3)
GE Marker: GL
Pr. 301 or departmental permission.
Introduction to the culture of Spanish America. Selected writings by noted Spanish American authors, films, slides with classroom discussion.

341 Business Spanish (3:3)
GE Marker: GL
Pr. 204 or 241 or equivalent
Spanish used in the Hispanic business world, with practice in speaking and writing. Readings on economic aspects of Spanish speaking countries.

351 Approaches to Hispanic Literature (3:3)
GE Core: GLT GE Marker: GL
Pr. 301 or departmental permission
Reading of representative Hispanic texts, by genres. Attention will be given to basic vocabulary, concepts and techniques of literary analysis. (FALL & SPRING)

401 Special Topics in Language and Literature (3:3)
Pr. 315 and 351 and departmental permission
• *May be repeated for credit when topic varies.*
Directed study and research in language and literary topics of special interest to the locale of the UNCG Study Abroad Program in a Spanish-speaking country.

402 Spanish Literature I (3:3)
GE Core: GLT GE Marker: GL
Pr. 315 and 351 or departmental permission
Reading of representative texts from the beginning of Spanish Literature to the year 1800 with attention to techniques of analysis as well as cultural and historical background.

403 Spanish Literature II (3:3)
GE Core: GLT GE Marker: GL
Pr. 315 and 351 or departmental permission
Spanish Literature from the 1800s through the present. Special attention to cultural and historical background and literary techniques of analysis.

404 Spanish American Literature I (3:3)
GE Core: GLT GE Marker: GN
Pr. 315 and 351 or departmental permission
Survey of Spanish American literature, from the beginnings through the late 1800s, with attention to techniques of literary analysis.

405 Spanish American Literature II (3:3)
GE Core: GLT GE Marker: GN
Pr. 315 and 351 or departmental permission
Second half of a survey of Spanish American literature, from the late 1800s through the present day, with attention to techniques of literary analysis.

411 Advanced Spanish Conversation (3:3)
GE Marker: GL
Pr. 311 or departmental permission
Further intensive and methodical training in spoken Spanish.

415 Advanced Spanish Composition (3:3)
GE Marker: GL
Pr. 311 and 315 or equivalent
Intensive practice in the written and spoken language, focusing on refinements in structure, vocabulary development, informal conversation, and formal writing styles. (FALL & SPRING)

416 Spanish Phonetics (3:3)
Pr. 311 or 313 or 411, or departmental permission
Spanish phonetics and intonation. Students learn to read and write symbols for sounds and inflections of Spanish and study mechanics of production of these sounds, accompanied by intensive drill in pronunciation and intonation. (FALL)

493 Honors Work (3–6)
Pr. permission of instructor; 3.30 GPA in the major, 12 s.h. in the major
- *May be repeated for credit if the topic of study changes.*

497 Directed Study in Spanish Language (3:3)
Pr. departmental permission required.
Directed study and research in Spanish language.

498 Directed Study in Hispanic Literature (3:3)
Pr. departmental permission required.
Directed study and research in literary topics.

499 Internship in Spanish (3:2:3)
Pr. 15 s.h. of Spanish above the 204 level, 3.0 GPA, written permission of instructor
Field experience for upper-level Spanish students in jobs requiring interaction/active language use with native speakers. Biweekly classes and academic supervision by Faculty Coordinator; field direction by job supervisor.

Courses for Advanced Undergraduates & Graduate Students

502 Topics in Spanish Literature (3:3)
Pr. one 400-level course in Hispanic literature or departmental permission
- *May be repeated for credit when topic varies.*

In-depth studies, through a variety of critical and historical approaches, based on themes, geographical areas, outstanding figures, genres, or periods.

504 Topics in Spanish American Literature (3:3)
Pr. one 400-level course in Hispanic literature or departmental permission
- *May be repeated for credit when topic varies.*

In-depth studies, through a variety of critical and historical approaches, based on geographical areas, outstanding figures, genres, or periods.

516 Introduction to Spanish Syntax (3:3)
Pr. 415 or departmental permission
Introduction to Spanish syntax. Analysis of Spanish grammar; syntactic categories and phrase structure.

532 Spanish Culture and Civilization (3:3)
Pr. one 400-level course in Hispanic literature or departmental permission
Development of Spanish culture. Historical and geographical background for study of contemporary Spain. Special emphasis on customs, national traits, arts, and institutions.

534 Spanish-American Culture and Civilization (3:3)
Pr. one 400-level course in Hispanic literature or departmental permission
Development of Spanish-American culture.

535 U.S. Latino/Latina Cultural Studies (3:3)
Pr. one 400-level Hispanic literature course or departmental permission
An examination of issues relating to U.S. Latino/Latina ethnic identity as defined in literature, performance, art, music, and film. Special emphasis given to the dialogue with the English-speaking community. (ALT)

561 The Auteur Director (3:2:3)
Pr. BCN 171 or departmental permission
- *May be repeated for credit when the topic varies.*

Works of an individual film director. Subject differs from offering to offering. (Same as FRE 561, ITA 517)

562 Studies in Film Genre (3:2:3)
Pr. BCN 171 or departmental permission
- *May be repeated for credit when the topic varies.*

Technical, dramatic, social, and rhetorical dimensions of a film genre or genres. Subject differs from offering to offering. (Same as FRE 562, ITA 518)

Please refer to The Graduate School Bulletin *for additional graduate-level French, Italian, and Spanish courses.*

Russian

(see German, Russian, Japanese, and Chinese Studies)

Department of Social Work

School of Human Environmental Sciences

257 Stone
336/334-5147
www.uncg.edu/swk

FACULTY

Elizabeth W. Lindsey, Professor and Interim Chair of Department
Professors Rife, Wineburg
Associate Professors Claes, Dennison, Hurd, Taylor
Assistant Professors Bost, Coakley
Academic Professional Associate Professors Edwards, Moore
Academic Professional Assistant Professors Beerman, Kanode, Nsonwu
Senior Research Scientist Bailey
Research Scientist Martinez

Mission Statement

Our mission is to use our Departmental expertise to improve the lives of people throughout the world. We accomplish our mission in three ways:

- *By educating social workers to have the highest level of skills*
- *By providing leadership and expertise to the pubic which significantly improves the interaction of people and society*
- *By conducting change-oriented research to promote social and economic justice to ensure the well-being of all people*

We are passionately committed to encouraging students' personal and professional growth, to appreciating diversity, to using a global perspective to view and world, and preparing students to be highly regarded social workers.

Social Work Major (SOWK)

Degree: Bachelor of Social Work

Required: 122 semester hours, to include at least 36 hours at or above the 300 course level

Available Concentrations and AOS Codes:

Social Work, U894

School Social Work with Special Subject-Area Teacher Licensure, U895

The purpose of the Social Work major is to prepare students for entry level generalist practice in social work. This is a professional program of study which is strongly grounded for the first two years in liberal arts; the second two years focus on the professional curriculum. The program prepares students for work with individuals, families, groups, organizations and communities.

Accreditation

The program is accredited by the Council on Social Work Education for an eight-year period ending in June 2013.

Admission to the Social Work Major

The student who wishes to formally declare Social Work as a major should consult with the Undergraduate Program Director. Admission to the major is based upon:

1. Satisfactory completion of SWK 215 with a grade of C or higher
2. A minimum University GPA of 2.50
3. Completion of a minimum of 51 s.h.
4. Completion and submission of the B.S.W. Application Packet by May 1 of the year in which the student is seeking admission

Admission is competitive and limited. Decisions concerning admission are announced by June 1 and are effective with the beginning of the fall semester.

Admission to Field Instruction

1. Prior admission to the Social Work Major
2. Completion of the following courses or their equivalent: BIO 105, ECO 101, HDF 212, PSC 100, PSY 121, STA 108, SOC 101, and completion of the Department's culture and diversity requirement.
3. Completion of 84 s.h. with a 2.50 grade point average
4. Satisfactory completion of all early field experience requirements
5. Satisfactory completion of SWK 215, 310, 311, 315, 325, and 351, with a minimum grade of C. No Social Work course may be taken more than twice.
6. An application process and approval of the Director of Field Instruction

General Information

Admission to the University does not constitute acceptance to the department. Academic credit is not awarded for life or work experience. Community social work agencies cooperate with the Department of Social Work in providing field work experiences for the students. The number of students placed for field instruction is determined by the availability of these resources. At times, there may not be an approved site for student placement and there may be delay in meeting that part of the graduation requirements.

Students enrolled in the practice sequence are individually responsible for their own transportation to and from community agencies. Students are required to provide proof of liability and malpractice insurance. Malpractice insurance information is available in the departmental office.

Students who fail to enter senior year field instruction within two years of completion of all Bachelor of Social Work foundation courses (SWK 215, 310, 311, 315, 325, 351) must reapply for admission to the social work program. The Director of the Bachelor of Social Work program in consultation with the student and faculty will decide what social work courses, if any, must be repeated prior to reapplying for admission to field instruction.

Students who enter field instruction and fail to successfully complete it must reapply for admission to field instruction within two years of completion of all Bachelor of Social Work foundation courses (SWK 215, 310, 311, 315, 325, 351). If more than two years elapse, the student must reapply for admission to the social work program. Students who have previously entered field instruction and have not successfully completed it may only reapply once for readmission.

Requirements

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
One additional GLT, GFA, or GPR course	3
Historical Perspectives on Western Culture (GHP)	3
Reasoning and Discourse (GRD)	6
ENG 101 or FMS 115 or RCO 101, and one additional GRD course	
Department specifies courses for:	
Mathematics (GMT)	3
required: STA 108	
Natural Sciences (GNS)	6–7
required: BIO 105 and 105L, and one other GNS course	
Social & Behavioral Sciences (GSB)	6
required: ECO 101 and SWK 311	

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers, at least one of which must carry the GN marker

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major.** All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major.** All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III Major Requirements

1. Admission to Field Instruction. SWK 215, 310, 311*, 315, 325, 351.
2. Practice sequence. SWK 411, 412, 413, 414, 415, and 416.
3. Six s.h. in social work at the 500 level

IV Related Area Requirements

1. BIO 105* & 105L*; ECO 101*; HDF 212; PSC 100; PSY 121; SOC 101; STA 108* or SWK 250*
2. Culture and Diversity Requirement: all students must establish elementary competence in culture and human diversity. To do so, a student may establish foreign language proficiency at the elementary level (0–6 s.h.) or complete six (6) semester hours in course work from the following: AFS 201, 210, 364; ATY 325, 330, 333, 335; HDF 407; HEA 333, 347, 471; REL 111, 215, 218, 220, 221, 223, 225, 229, 231; SOC 227; SPA 233; SES 135, 200, 335; WGS 250, 333.

**BIO 105 and 105L satisfy one GNS requirement; ECO 101 and SWK 311 satisfy GSB requirement; STA 108 satisfies GMT requirement; social work majors who take SWK 250 instead of STA 108 will need to take a general math course (MAT 112 recommended) to meet the GEC requirement.*

V Electives

Electives sufficient to complete the 122 semester hours required for the degree.

Social Work Major with Special Subject-Area Licensure in School Social Work

Students intending to become licensed for school social work by the Department of Public Instruction need to complete the licensure program which has been developed with the School of Education (see **Teacher Education Programs**).

In addition to completing the requirements for the social work major, the student must be admitted to the Teacher Education Program and successfully complete the following courses: ELC 381 and SWK 582. The field instruction (SWK 413 and 414) must be taken in a school social work setting. Licensure for school social work is granted by the North Carolina Department of Public Instruction. Students interested in School Social Work Licensure should contact the advisor for School Social Work Licensure in the Department of Social Work.

Social Work Minor

Required: minimum of 15 semester hours

The Social Work minor requires 15 semester hours of Social Work courses to include: SWK 215, 310, 311, 315, and one 500-level course in social work.

Social Work Courses (SWK)

GE Core denotes General Education Core credit; GE Marker denotes General Education Marker credit; CAR denotes College Additional Requirement credit.

Courses For Undergraduates

215 Introduction to Social Work (3:3)

Introduction to social welfare programs and social work practice. Topics include: social problems confronting society; societal and community helping resources; social work practice in a changing society. Field observation required. (Fall & Spring)

250 Introduction to Social Work Data Analysis (3:3)
Pr. SWK 215

Designed to introduce students to the application of basic statistics and data analysis encountered in social work practice. Topics include elementary descriptive and inferential procedures. (Spring)

310 Social Policy and Services (4:3:3)
Pr. 215; major or minor in social work

Examination and survey of historical development of the concept of social welfare; analysis of theoretical framework used to organize the study of social welfare services. Supervised volunteer experience required. (Fall)

311 Human Behavior and Social Environment (3:3)
GE Core: GSB
Pr. 215 or permission of instructor
Emphasis on theories relevant to understanding and influencing change on the societal, organizational, group, and individual levels. (Fall)

315 Social Work, Diversity, and Vulnerable Populations (3:3)
Pr. 215, 310, 311; major or minor in Social Work
Examination and understanding of cultural and human diversity with focus on oppressed groups. Students will have the opportunity to learn about broad differences and likenesses among diverse populations and cultures. (Spring)

325 Research in Social Work Practice (3:3)
Pr. 215, 310, 311, and STA 108 or SWK 250, and admission to major
Focus on social workers as both consumers and producers of research. Emphasis on using research for needs assessment, evaluation of social work interventions and creation of new social work knowledge. (Spring)

351 Professional Skills (3:3:1)
Pr. 215, 310, 311, and admission to major
Lecture-laboratory course to teach verbal and written skills necessary for conducting the helping interview and other related social work activities. Extensive use of simulated role play experience and instructor/peer feedback. (Spring)

411 Social Work Methods I (3:3)
Pr. admission to field instruction
Coreq. must be taken concurrently with SWK 413 and 415.
- *Majors only.*

Emphasis on knowledge, values, process, and skills in social work practice and introduction to interventive methods. (Fall)

412 Social Work Methods II (3:3)
Pr. 411
Coreq. must be taken concurrently with SWK 414 and 416.
- *Majors only.*

Focus on development of social work practice skills emphasizing delivery of social services. (Spring)

413 Field Instruction I (5:0:16)
Pr. admission to the social work major, completion of 215, 310, 311, 315, 325 and 351, and admission to field instruction
Coreq. 411 and 415
Educationally directed learning experienced by performing a range of activities related to entry level practice. (Fall)

414 Field Instruction II (5:0:16)
Pr. 411, 413 and 415
Coreq 412 and 416
Continuation of 413. Emphasis placed upon extended application and evaluation in the practice environment. (Spring)

415 Field Instruction Seminar I (1:1)
Pr. admission to field instruction
Coreq. SWK 411 and 413
Critical review and analysis of application of social work theory in practice setting. (Fall)

416 Field Instruction Seminar II (1:1)
Pr. 415
Coreq. must be taken concurrently with SWK 412 and 414.
Continues critical review and analysis of social work theory in practice setting. (Spring)

451 Special Problems in Social Work (1–3)
Pr. requires written plan, permission of sponsoring instructor, and approval of department head.
- *May be repeated for credit when topics vary.*

Intensive independent study of specialized topics. (Fall & Spring)

491 Family-Centered Interdisciplinary Practice: System of Care (3:3)
Pr. permission of instructor
System of care core values/principles infuse service planning/delivery. Students develop competencies in family-centerdness, client partnerships; community services; cultural competency; interagency collaboration. Placement with families included. (Spring) (Same as HDF 491, HEA 491, RPM 491)

Courses for Advanced Undergraduates & Graduate Students

Undergraduate social work majors may not enroll in a 500-level social work course unless they have completed at least 84 s.h. including SWK 215, 310, 311, 315, 325, and 351; or have received special permission of the instructor. Undergraduate social work minors must also have completed a minimum of 84 s.h. including SWK 215, 310, and 311; or receive permission of the instructor to take a 500-level social work course.

510 Selected Topics in Social Work (3:3)
Pr. permission of instructor
- *May be repeated for credit when topic varies.*

Opportunity for students to study in depth topic of special interest.

520 Methods and Practice of Family and Marital Therapy (3:3)
Pr. permission of instructor
Systems/communications approach to marital and family therapy. Students develop ability to apply concepts to understand and intervene in family systems. Related therapeutic concepts and techniques also discussed.

522 Comparative Study of Cross-cultural Social Work Practice (3:3)
GE Marker: GL
Pr. for Undergraduates: 215, 310, 311, 315, 325, 351;
for Graduate students: 620, 621, 622, 623, 624, 625, 626, 627, 628; or permission of instructor.
- *May be repeated for credit when topic varies.*

Compares social work, social service programs, and social policies of the U.S. with those of selected other countries throughout the world, emphasizing services for families, children, and vulnerable populations. (Summer)

527 Human Services for Immigrants and Refugees (3:3)
Pr. permission of instructor
A perspective on the history of immigration, its role in the U.S.A., immigrants in North Carolina, their process of integration, cross-cultural competency, and the challenges in services delivery to immigrants. (Fall)

530 Social Agency Program Development (3:3)
Pr. permission of instructor
Organization of new agencies or those initiating additional services. Needs assessment, resource development, grant writing, agency operations, and relationships with funding agencies.

550 Social Services in Health Care (3:3)
Pr. permission of instructor
Examination of social services in health care settings. Emphasis on organizational context, interdisciplinary cooperation, and skill required for work in primary care setting.

551 Special Problems in Social Work (1–3)
Pr. requires written plan, permission of sponsoring instructor, and approval of department head.
Intensive, independent study of specialized topics.

554 Social Work with People Who are Mentally Ill (3:3)
Pr. permission of instructor
This course will provide knowledge and skills necessary for practicing effective social work with people who are mentally ill and their families. (FALL & SPRING)

555 Substance Abuse and Social Work Practice (3:3)
Pr. permission of instructor
Introduction to the issues of substance abuse and addiction and their impact on clients and their families. Social work assessment and intervention methods will be taught. (SPRING)

570 Social Services for the Aging (3:3)
Pr. permission of instructor
Systematic study of social work approaches to providing services to the aging. Focus on current policies, services, and models of practice.

582 School Social Work (3)
Pr. permission of instructor
Examination and understanding of school social work services with emphasis on professional standards, cultural sensitivity, accountability, and program planning.

584 Social Services for Children (3:3)
Pr. permission of instructor
Designed for practitioners and students to provide knowledge for working with children and to teach strategies, techniques, and skills for effective treatment.

585 Social Work with Families in Crisis (3:3)
Pr. permission of instructor
Social work practice with families in crisis, with a focus on problems currently faced by families and strategies to help them.

Please refer to The Graduate School Bulletin *for additional graduate-level courses; including 600-level courses restricted to those students admitted to the Master in Social Work program.*

Department of Sociology

College of Arts & Sciences

268 Stone
336/334-5295
www.uncg.edu/soc

FACULTY

Julie V. Brown, Associate Professor and Head of Department
Professors Adams, Kroll-Smith, Markham
Associate Professors Allan, Cureton, Luebke, Westervelt
Assistant Professors Brown-Jeffy, Fuller, Hamil-Luker, Hunnicutt, Mitchell, Sills

Mission Statement

The Department of Sociology supports the missions of the College of Arts and Sciences and the University in three areas: education, research and service. The Department fosters a community of sociologists, mentors students of sociology at the undergraduate and graduate levels, and provides general education for students throughout the University. Sociological knowledge helps students to understand how social structures and processes shape social life and how sociological analysis and empirical research are used as tools of understanding. The Department also encourages the research and professional development of faculty, contributes knowledge to the community of scholars and to the larger society, and provides service to the discipline, College, University, and extramural communities.

The undergraduate program in sociology is planned primarily as a part of a liberal arts education. The objective is to provide the student with an analytic and systematic approach to the understanding of social relations. The major provides a foundation for a variety of occupations and for advanced study.

Graduate study leading to the Master of Arts degree with a major in sociology is also available. For details, see *The Graduate School Bulletin*.

Sociology Major (SOCI)

Degree: Bachelor of Arts

Required: 122 semester hours, to include at least 36 hours at or above the 300 course level

Available Concentrations and AOS Codes:

Sociology, U221
Criminology, U222
Social Problems in a Global Society, U224
Sociology, with Teacher Licensure in Social Studies, U223

The Sociology major provides students with an understanding of the fundamental processes of social interaction that underlie all social organization and change. Beyond book and library study, students are required to develop skills in computer analysis and in survey and field research. Students may a) major in sociology, b) major in sociology with a concentration in criminology, c) major in sociology with a concentration in social problems in a global society, d) complete the social studies licensure for secondary teachers with a major in sociol-

ogy, e) major in both sociology and another field, or f) minor in sociology. Requirements for these six options are described separately below.

Student Learning Goals

Sociology majors at UNCG will be expected to:

- Define and apply basic sociological concepts used in micro and macro sociological theory
- Explain the difference between personal opinion and theoretical insight based on research and between structural and individualistic explanations of human action
- Know how to formulate research hypotheses, collect, and do basic analysis of data
- Evaluate the appropriateness of various theories and research methods for answering different types of empirical questions
- Explain the differences among and the uses of different types of sociological research methods
- Be able to recognize and respond appropriately to the ethical issues involved in studying human subjects and organizations

REQUIREMENTS

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
Historical Perspectives on Western Culture (GHP)	3
Mathematics (GMT)	3
Natural Sciences (GNS)	6–7
one must be a laboratory course; each must have a different departmental prefix	
Reasoning and Discourse (GRD)	6
ENG 101 or FMS 115 or RCO 101, and one additional GRD course	
Department specifies courses for:	
One additional GLT course *(student may select)*	3
Social and Behavioral Sciences (GSB)	6
required: SOC 101 and one other GSB course	

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers, at least one of which must carry the GN marker

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major.** All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major.** All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III College of Arts and Sciences Additional Requirements (CAR)

See pp. 89–91 for details and courses meeting CAR GPM/GMO and GLS/GPS requirements.

Historical Perspectives on Western Culture 3
one GPM (Premodern) or GMO (Modern) course, depending on category used to satisfy GHP requirement

Natural Sciences 3–4
any GLS or GPS course

Social and Behavioral Sciences (GSB) 3
any additional GSB course with a different departmental prefix

Foreign Language (GFL) 0–12
intermediate-level proficiency in one language, demonstrated by placement test, or by completing course work through course number 204

Writing Intensive Courses (WI)
a total of four WI courses

IV Major Requirements for Sociology, Social Problems in a Global Society, and Criminology Concentrations

All sociology majors must complete a minimum of 33 semester hours in sociology with at least a 2.0 GPA in the major. All sociology majors must complete: SOC 101, 290, 301, 302, 490

Additional Requirements for General Sociology Major without Concentration

- three courses from: SOC 341, 342, 344, 345, 346
- three additional sociology courses

Additional Requirements for Social Problems in a Global Society Concentration

- SOC 202, 344, 345
- three additional courses from: SOC 223, 261, 300, 326, 328, 330, 346, 370, 371

Additional Requirements for Criminology Concentration

- SOC 324
- two courses from: SOC 341, 342, 344, 345, 346
- three additional courses from: SOC 222, 223, 250, 317, 325, 332, 390, 420, 425, 430

V Related Area Requirements

See the Sociology Department's Director of Undergraduate Studies for related course recommendations.

VI Electives

Electives sufficient to complete the 122 semester hours required for degree.

Sociology as a Second Academic Concentration for Elementary Education Majors

Required: minimum of 18 semester hours

1. SOC 101 and 201 (6 s.h.)
2. Four courses (12 s.h.) at the 300 level or above from 326, 335, 341, 346, 362, 365, 370, 371, 420

Sociology as a Second Academic Concentration for Special Education Majors

Required: 24 semester hours

1. SOC 101
2. SOC 201 or 202
3. Two (2) additional SOC courses
4. Four (4) additional SOC 300-level or above courses

Sociology Minor

15 semester hours in sociology.

Teacher Licensure in Social Studies

Required: minimum of 36 semester hours in social studies beyond the requirements for the Sociology major

Please see **Teacher Education Programs** for more details.

Social Studies Requirements

See **Teacher Education** for list of approved courses to be taken in each of the following disciplines: anthropology, economics, geography, history, and political science.

Teacher Licensure Requirements

1. General Education requirements as identified within each major
2. HEA 201 Personal Health
3. ELC 381 The Institution of Education
4. CUI 450 Psychological Foundations of Education
5. CUI 470 Reading Education
6. CUI 545 Diverse Learners
7. Student Teaching
8. For 9–12 subject area licensure, students must take the appropriate Teaching Practices and Curriculum Course (CUI 551, 552, 553, 557, or 559) and CUI 465 Student Teaching and Seminar.

Electives

Electives sufficient to complete the 122 semester hours required for degree.

Sociology Courses (SOC)

GE Core denotes General Education Core credit; GE Marker denotes General Education Marker credit; CAR denotes College Additional Requirement credit.

Please note that not all courses are offered every year, but required courses are offered at least once a year.

Courses For Undergraduates

101 Introduction to Sociology (3:3)
GE Core: GSB

Scientific study of social behavior including factors involved in functioning and development of human society such as culture, identity, social organization, institutions, stratification, social process, and social change. (FALL & SPRING)

201 Social Problems (3:3)

Analysis of contemporary social problems from a sociological perspective.

202 Social Problems in Global Context (3:3)
GE Core: GSB *GE Marker: GL*

This course examines causes of and responses to critical social problems in different world regions with a focus on the dimensions and impacts of globalization. (FALL & SPRING)

222 Sociology of Deviant Behavior (3:3)
GE Core: GSB

Sociological contributions to analysis and treatment of contemporary forms of deviant behavior. Relationship of deviant behavior to social change. (FALL & SPRING)

223 Global Deviance (3:3)
GE Marker: GL

Explores and examines contemporary meaning and forms of deviant behavior using cross cultural and international perspectives.

227 Race and Ethnic Relations (3:3)
GE Core: GSB

Interaction between peoples of differing racial, ethnic, and cultural backgrounds, with comparison of American relationships to those in other parts of the world.

229 Sociological Perspectives on Gender (3:3)

Inquiry into status of women in society with emphasis on socialization, structural and institutional relationships, and continuities and discontinuities in women's roles across the life cycle.

230 Sociology of Friendship (3:3)

A sociological perspective on friendship. Topics include definition of friendship, history of friendship, research, results of surveys and ethographies, friendship processes and structure, and friendship in context.

240 Masks and Meanings: An Introduction to Cultural Sociology (3:3)

An introduction to the sociological study of culture, cultural products and practices, relationships between culture and postmodern society, and the roles symbolic boundaries play in the politics of modern life.

250 Juvenile Delinquency (3:3)
Pr. 222

Course assesses the nature and extent of juvenile participation in unconventional behavior and identification with norms and values promoting delinquency.

261 Health and Society (3:3)

Analysis of socio-cultural aspects of health and illness. Consideration given to definitions of health, social distribution of illness, formal and informal organization of health professions and institutions, national health care systems.

290 Thinking Sociologically—Classical Theory (3:3)

Pr. SOC 101

A review of classical sociological theory, its foundations in modernity, and its place in the development of sociology as a social science discipline. First in the two-part sequence in theory. (FALL OR SPRING)

300 Post Soviet Societies (3:3)

GE Marker: GN

Examination of major social institutions and social problems. Emphasis on assessing impact of ideology, modernization, and traditional cultural values on the evolution of the societies which formerly comprised the USSR. Particular emphasis on Russian society.

301 Introduction to Methods and Research (3:3)

Pr. 101 and one additional sociology course; or permission of instructor

- *SOC majors only.*

Topics include the function of theory in research, concept formation, study design, data collection, and analysis strategies. (FALL & SPRING)

302 Introduction to Data Analysis (3:2:1)

Pr. 101 and one additional sociology course

- *SOC majors only, except by permission of instructor.*

Application of statistical concepts and procedures to sociological inquiry. Topics include elementary descriptive and inferential procedures and use of computers in data analysis. (FALL & SPRING)

317 Criminal Justice (3:3)

Adjudication of criminal defendants from arrest through appellate process. Special attention given to current issues in administration of justice, e.g., the death penalty, plea bargaining, alternatives to incarceration.

324 Criminology (3:3)

Consideration of legal aspects of crime, its causation, patterns of criminal behavior, and victimization. Attention given to selected current issues in detection, apprehension, and adjudication of criminal offenders. (FALL & SPRING)

325 Sociology of Work Organizations (3:3)

Pr. 101 or 201, or permission of instructor

Analysis of relationships of individuals to work organizations and the relationships between individuals in organizations. Special attention to breakdowns in organizational functioning, satisfactions and dissatisfactions of individuals in work organizations, informal relationships and power within organizations, unionization and organizational conflict, and implications of increasing bureaucratization for citizens and society.

326 The Community (3:3)

Pr. 101 or 201, or permission of instructor

Recent changes and current structure of communities, with special attention to urbanization, bureaucratization, industrialization, social class systems, land use, inter-organizational relationships, urban life styles, and community power.

328 Social Movements and Revolutions (3:3)

Systematic study of such forms of collective social behavior as social movements and revolutions with a strong international and comparative focus.

330 Urban Society (3:3)

Analysis of emergence of urban society including formation and growth of urban centers and problems associated with ecological, social, and cultural differentiation within urban settlements.

332 Law and Society (3:3)

- *Freshmen must have permission of instructor to register for this course.*

Examines law as a social process that differs from case to case according to the social characteristics of the parties involved. Criminal and civil law are discussed.

335 Marriage and the Family (3:3)

Analysis of marriage and family with particular attention to change and interrelationships with other institutions.

341 Sociological Perspectives on Social Psychology (3:3)

Pr. 101 and two additional sociology courses or permission of instructor

- *May not be taken for credit if student has had SOC 571.*

Conceptual frameworks of social psychology for selected topics: theories of social psychology, socialization, social perception, acquisition of self, gender, race and ethnicity, social interaction, and attitude and behavior change.

342 Social Inequality (3:3)

Pr. 101 and two additional sociology courses or permission of instructor

Examination of social stratification systems and theories, economic prestige, power inequalities, social mobility, and class consciousness.

344 Global Society (3:3)

GE Marker: GL

Pr. 101 and two additional sociology courses or permission of instructor

Examines the interdependent development of formal organizations, communities, and societies as large scale social systems. Special attention is given to inter-societal relationships and the world system. Application to contemporary social issues is stressed.

345 Social Change (3:3)

Pr. 101 and two additional sociology courses or permission of instructor

Examination of nature, process, and consequences of social change with consideration of its control in all types of societies.

346 Population Problems (3:3)

Pr. 101 and two additional courses in sociology or permission of instructor

Sociological study of basic population processes of fertility, migration, and mortality, including examination of problems associated with changing population size, composition, and distribution. (Formerly SOC 339)

354 Women, Work, and Management (3:3)

Pr. junior standing, SOC 101 or MGT 200 or permission of instructor

Examination of women's participation in the U.S. labor force and work organizations with special attention to issues for women in management.

362 Sociological Perspectives on Education (3:3)

Pr. 101 or permission of instructor

Introduction to sociological theories and research about how social forces influence schools, inequality and conflict in schools, how schools confer status on people, and how schools are organized and changed.

364 African American Social Thought (3:3)
Pr. SOC 101

An introduction to perspectives advanced by black scholars concerning black power and pride, stratification, social order, culture, intraracial socialization, interaction, mate selection, and consequences of skin-tone variance.

365 Public Opinion and Mass Communication (3:3)
Pr. one course in sociology or permission of instructor

The structure and functioning of the mass media with special attention to societal and individual effects. Examination of public opinion formation and its consequences and also selected policy issues.

366 Sociology of Religion (3:3)

Sociological study in field of religion with emphasis on modern society and relation of religion to other institutions and functions of religious roles.

370 Environmental Sociology (3:3)
Pr. 101

Introduction to major sociological theories, perspectives and research useful for understanding environmental issues and environmentalism. Primary focus on the U.S., with some attention to Europe and developing countries.

371 Immigration, Ethnicity, and Race in a Global Context (3:3)
Pr. 101, 201, or 202 or permission of instructor

Examination of ethnic and racial relations and conflicts, especially in societies outside of the U.S. Special attention to the causes of international migration and its consequences for racial and ethnic relations.

380 Memory, Self, and Society (3:3)

Examines the importance of memory to personal, institutional, and national identities. Particular emphasis is placed on memory as a cultural narrative fashioned in historical, social, and political contexts.

390 African American Perspectives on Crime (3:3)
Pr. SOC 222 or 324

An introduction to perspectives in criminology that focus on African American participation in crime and the significance of race for legal sanctioning.

419 Gender, Crime, and Deviance (3:3)

Examines key questions in scholarly literature on gender, crime, and deviance: how gender socialization, gender roles, and institutions affect males' and females' offending, deviant behavior, and victimization. (SPRING)

420 Family Violence (3:3)
Pr. junior standing or permission of instructor

Examines the forms, causes, incidence, and prevention of violence within the family and other intimate relationships.

425 Contemporary Gangs in America (3:3)
Pr. 250

Examines the nature and extent of gang membership in America: activities of cliques, near groups, cultural gangs, and established gangs.

430 Miscarriages of Justice (3:3)
Pr. SOC 324 and either SOC 317 or 332

Examines the causes and consequences of the wrongful conviction of innocent individuals within the American criminal justice system. (SPRING)

461 Experimental Course: Gender and Health (3:3)

This course uses a sociological perspective to analyze the relationships between the medical system and gender for research as well as for men's and women's experiences with health and illness. (Offered spring '07)

490 Seeing Society—Contemporary Theory (3:3)
Pr. or coreq. SOC 101, 290, 301, 302, and two (2) of SOC 341, 342, 345

Introduction to contemporary social and sociological theories and their places in postindustrial/postmodern society. Second of a two-part sequence in theory. (FALL OR SPRING)

493 Honors Work (3–6)
Pr. permission of instructor; 3.30 GPA in the major, 12 s.h. in the major
- *May be repeated for credit if the topic of study changes.*

495 Senior Seminar: Contemporary Works in Sociology (3:3)
Pr. senior major

Critical review of significant recent books representing various fields in sociology.

497, 498 Special Problems in Sociology (2–3), (2–3)
Pr. permission of faculty member with whom student wishes to work

Opportunity for students to have directed instruction on problems of special interest.

499 Internship in Sociology (3–6:2:8–20)
Pr. junior or senior standing; Sociology as primary major; minimum 2.80 GPA; 2 letters of recommendation (at least one must be from the Sociology faculty).
- *Must preregister for course during the November registration period for spring semester.*
- *Preference given to seniors.*

Students will complete at least 120 internship hours with a local public sector agency, and through the application of sociological concepts, will examine interpersonal, organizational, and public policy issues. (SPRING)

Courses for Advanced Undergraduates & Graduate Students

501, 502 Selected Topics in Sociology (3:3), (3:3)
Pr. permission of instructor

Opportunity for advanced student to study in-depth topic or issue of special interest.

522 Seminar in Population and Urban Studies (3:3)
Pr. permission of instructor

Advanced study of population processes and urban concepts from an interdisciplinary viewpoint. Emphasis on accessing and interpreting data from the U.S. census and other sources.

526 Comparative Minority Relations (3:3)
Pr. 6 s.h. in sociology or permission of instructor

Comparative study of ethnic, class, and cultural conflict in developing and developed societies. Attention is given to the impact of ethnicity and class conflict upon societal development and change in the international setting.

533 Political Sociology (3:3)
Pr. one course in field of large-scale organization or permission of instructor

Influence of social values and social forces upon government policy and of government policy upon society. Examination of conflicting political sociological theories.

552 Sociology of Science and Technology (3:3)
Pr. 6 s.h. of sociology at 300 level or above or permission of instructor

Nature and origins of modern science; relations of science and technology; science in democratic and authoritarian societies; images of scientists; origins and recruitment of scientists; career patterns; the organizational setting.

553 Sociology of Occupations and Professions (3:3)
Pr. 3 s.h. of sociology or permission of instructor

Nature and significance of work; culture perspectives on work; occupational choice; socialization into work endeavors; career patterns; control of occupations and professions; labor and leisure; relationships to community and society.

555 Sociology of the Family (3:3)
Pr. 301, 302, 335, or permission of instructor

Critical examination of various ways of studying family, with consideration given to methodology, statistical treatment of data, and substantive findings.

562 Sociology of Education (3:3)
Pr. 6 s.h. of sociology at 300 level or above or permission of instructor

Education as a dynamic and changing social system. Internal processes and structure of educational institutions and their interdependent relations with the environing society.

571 Advanced Topics in Social Psychology (3:3)
Pr. 3 s.h. in sociology and 3 s.h. in psychology, or permission of instructor

Social impact, exchange, equity, and attribution theories intensively examined as basic in understanding specific substantive problems of reciprocal influences of groups and individuals in socio-cultural context.

Please refer to The Graduate School Bulletin *for additional graduate-level courses.*

Spanish

(see Romance Languages)

Department of Specialized Education Services

School of Education
201 Ferguson
336/334-5843
www.uncg.edu/ses

Faculty

J. David Smith, Professor and Chair of Department
Professors Bursuck, Epanchin, Friend, Niemeyer, Vallecorsa
Associate Professor Compton
Assistant Professors Dobbins, Hardin, Kurtts, Parker, B. Smith
Visiting Assistant Professor Little
Lecturers Allen, DeNaples, Torres

The primary goal of the Department of Specialized Education Services is to prepare professionals for diverse roles in working with individuals with disabilities across the life span in a variety of educational and community environments. Programs in the department emphasize the delivery of services in integrated settings, with a focus on interdisciplinary and interagency collaboration. Upon graduation, students are prepared for professional careers in public and private schools, residential settings, community agencies, clinics, and organizations. Faculty teaching, research, and service activities facilitate these outcomes. The Department offers Bachelor of Science degrees in Education of Deaf Children and in Special Education: General Curriculum, and undergraduate course work in the interdisciplinary Birth–Kindergarten (B–K) Program.

All students in SES programs are required to demonstrate that they have read, understand, and are able to completely meet the technical standards for their programs. Technical standards are outlined in each program's handbook. All students in SES programs must have reliable transportation to and from practicum and/or internship sites.

Education of the Deaf Major (TEDF)

Degree: Bachelor of Science

Required: 122–128 semester hours, to include at least 36 hours at or above the 300 course level

Available Concentrations and AOS Codes:

Auditory-Oral/Birth–Kindergarten Teacher Licensure, U261

Community-Based Services, U260

Interpreter Training Program, U875

Teacher Education Preparation K–12, U145

The Education of Deaf Children Program provides opportunities for study in four concentrations: Auditory–Oral/Birth–Kindergarten Teacher Licensure; Community-Based Services; Interpreting; and K–12 Hearing Impaired Teacher Licensure. All areas of study focus on the unique educational needs of deaf and hard of hearing children emphasizing language acquisition, teaching methods, and communication modes. Specialized training in communication modes is offered through sign classes and the Sign

Language Laboratory. Supervised experiences are available for student observations, volunteer work and practicum in area public schools and other settings.

Also see **Teacher Education** for Teacher Education admission requirements.

Auditory-Oral/Birth–Kindergarten Teacher Licensure Concentration (126 semester hours)

The Auditory-Oral/Birth–Kindergarten concentration provides audition and spoken language development training at the undergraduate level for teachers of infants, toddlers, and young children who are deaf or hard of hearing. Field experiences and internships for teaching take place in public and private schools serving young children who are deaf and hard of hearing utilizing an auditory-oral approach. Students completing the program are eligible for NC licensure in K–12 Hearing Impaired and Birth–Kindergarten. Transfer students may require additional semesters to complete this undergraduate program. Students desiring to pursue the Auditory-Oral/Birth–Kindergarten teacher licensure concentration must have reliable transportation to and from practicum and/or internship sites.

Upon completion of the Auditory-Oral/Birth–Kindergarten Teacher Licensure program, students are able to:

- Demonstrate knowledge of the impact of early development on speech reception and auditory skills in infants, toddlers, and preschoolers who are deaf and hard of hearing.
- Utilize appropriate methods for developing spoken language in infants, toddlers, and preschoolers who are deaf and hard of hearing.
- Articulate an understanding of different family systems and family interactions, and demonstrate an awareness of the importance of parental involvement in a child's education and development.
- Discuss the history, major theories, and major philosophies of the education of young children and the use of Auditory-Oral and Auditory-Verbal approaches with young children who are deaf and hard of hearing.
- Demonstrate an understanding of technology used to assist the learning and communication needs of young children who are deaf and hard of hearing as well as young children who are typically developing.
- Utilize naturalistic assessment methods in determining young children's strengths and needs.
- Assess young children's performance as a professional educator and develop a plan for continued professional development.

REQUIREMENTS

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
One additional GLT, GFA, or GPR course	3
Historical Perspectives on Western Culture (GHP)	3
Mathematics (GMT)	3
Natural Sciences (GNS)	6–7
one must be a laboratory course; each must have a different departmental prefix	
Reasoning and Discourse (GRD)	6
required: ENG 101 or FMS 115 or RCO 101, and one other GRD course	
Department specifies courses for:	
Social and Behavioral Sciences (SB)	6
required: HDF 212 and SES 240	

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers, at least one of which must carry the GN marker

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major.** All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major.** All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III Major Requirements

Minimum 36 s.h. in the major: SES 240*, 242, 245, 250, 450, 451, 460, 461, 483, 578; SES/HDF 425, 435, 441

IV Related Area Requirements

CSD 250, 334, 557; CUI 516; ELC 381; HDF 212*, 302, 409 or 410, 452; HEA 201 or NUR 345; LIS 120; SWK 491 or 584

**HDF 212, and SES 240 satisfy GSB.*

V Teacher Licensure Requirements

These courses are also listed under major or related area requirements:

1. SES 242
2. HEA 201 or NUR 345
3. ELC 381
4. LIS 120
5. CUI 516
6. SES 461

Students must have a 2.70 overall grade point average to be admitted to teacher education, and a 2.70 grade point average in all courses with a SES prefix in order to be admitted to student teaching. Any grade below C- in a required core course makes a student ineligible to continue in the licensure track. Students must be admitted to Teacher Education/ Teachers Academy before enrolling in SES 451, 483, or 578.

VI Electives

Choose one elective from: ART 367; MUS 335, 361; SES 135

Community-Based Services Concentration (122 semester hours)

Upon completion of the Community-Based Services program, students are able to:

- Identify and explain the services/roles of different community agencies available to individuals with disabilities.
- Identify specific needs of individuals with disabilities relative to their age, gender, and ethnicity and identify appropriate services in the community where these individuals' needs may be addressed.
- Identify different helping professions and select one in which they would like to pursue graduate-level studies.
- Discuss the organizational structure of community agencies and their funding sources.
- Take part in collaborating with service providers from multiple agencies to develop a rehabilitation/habilitation plan for clients with disabilities.

The Community-Based Services concentration is designed to prepare professionals to work with adults and children of special populations in a variety of settings other than K–12 schools. Majors take course work and practical experiences in SES, and in related courses from other departments.

REQUIREMENTS

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
One additional GLT, GFA, or GPR course	3
Historical Perspectives on Western Culture (GHP)	3
Mathematics (GMT)	3
Natural Sciences (GNS)	6–7
one must be a laboratory course; each must have a different departmental prefix	
Reasoning and Discourse (GRD)	6
required: ENG 101 or FMS 115 or RCO 101; and one other GRD course.	
Department specifies courses for:	
Social and Behavioral Sciences (GSB)	6
required: HDF 211 and 212	

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers, at least one of which must carry the GN marker

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major**. All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major**. All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III Major Requirements

A minimum of 30 s.h. to include SES 245, 250, 333, 467, with nine (9) s.h. from the following: SES 135, 335, 355, 380, 420, 477

IV Related Area Requirements

A minimum of 27 s.h. to include: CST 207; HDF 211* and 212*; HEA 201 or 310; PHI 119 or 121; RPM 101; SWK 215

**HDF 211 and 212 satisfy GSB.*

V Electives

A minimum of 21 semester hours from the following:
CST 200, 308, 341, 342; HDF 302, 409, 410, 422; PSY 240, 280, 341, 346, 444; SES 252, 357, 370, 460, 480, 486, 578; SOC 101, 222, 250, 227, 325, 561; SWK 310, 311, 315

Interpreter Training Program Concentration (128 semester hours)

The Interpreter Training concentration provides training at the undergraduate level to prepare students to work as interpreters/transliterators for deaf and hard of hearing individuals in the community as well as in educational settings. Internships take place in inclusive settings in the public schools, post-secondary institutions, and in the community.

Students desiring to pursue a degree in interpreting must:

- have reliable transportation to and from practicum and/or observation sites.

- have adequate visual and auditory abilities necessary to interpret in a variety of settings (exceptions include Deaf individuals training to work as interpreters in specialized settings).
- have time available in their schedules for the purpose of interacting with the Deaf Community and completing their observation, community service, and interpreting hours.
- be physically capable of completing all movements that occur in the production of American Sign Language that is conveyed via hands, mouth, morphemes, eyebrows, torso, eyes, and facial expressions.

Student Learning Goals

Upon completion of this program, students will be able to:

- Demonstrate a basic level of proficiency in interpreting/ transliterating consecutively and/or simultaneously from the source language to the target language via American Sign Language or various forms of English.
- Incorporate various interpreting and facilitation techniques with regard to the setting and the age, gender, ethnicity, and special needs of the clients involved.
- Articulate the roles and responsibilities of the interpreter/transliterator as well as the Code of Ethics, health issues, certification process, and best practices established by the profession.
- Discuss the audiological, social, emotional, linguistic, cultural and academic implications for individuals who are deaf or hard of hearing and their impact on the interpreting process.
- Utilize the broad spectrum of information learned through various liberal arts, communication, and educational courses to enhance their ability to interpret general discourse within several fields.
- Assess their interpreting/transliterating performance and develop a plan for continued professional growth.

Program Admission Requirements

Students must be formally admitted to the Interpreter Training Program. Admission to the University does not guarantee acceptance into the Interpreter Training Program. Students must apply for admission to the program after completing SES 135. The application package and Interpreter Program Admissions Assessment must be completed by March 1. Applicants will be notified of the results by mid-March.

Criteria for admission include:

1. attendance of a program orientation meeting;
2. completion of application package, which includes three letters of recommendation from specific sources;
3. overall GPA of 2.50 or higher;
4. and acceptable scores on the Interpreter Program Admissions Screening.

If students are not admitted to the program initially, they may take SES 355 and reapply by October 1; however, they will not be able to take additional core courses in the interpreting major until they have been formally accepted.

REQUIREMENTS

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
One additional GLT, GFA, or GPR course	3
Historical Perspectives on Western Culture (GHP)	3
Mathematics (GMT)	3
Natural Sciences (GNS)	6–7
one must be a laboratory course; each must have a different departmental prefix	
Department specifies courses for:	
Reasoning and Discourse (GRD)	6
required: ENG 101 or FMS 115 or RCO 101; and CST 105.	
Social and Behavioral Sciences (GSB)	6
required: PSY 121 and SES 240	

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers, at least one of which must carry the GN marker

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major.** All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major.** All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III Major Requirements

Only grades of C- and above count toward major.

Language Requirements

A minimum of 16 s.h. to include all courses listed below (exceptions made pending results of Sign Language Placement Tests): SES 135, 270, 335, 355, 370, 380, 420

Core Requirements

A minimum of 71 s.h. to include courses listed above and: SES 240*, 245, 250, 357, 462, 463, 477, 478, 480, 486, 487, 488, 496, 578

IV Related Area Requirements

- A minimum of 21 s.h. to include the following: CED 310; CSD 334; CST 105*, 207; ELC 381; PSY 121*; and CUI 202 or HDF 211, 212 or 302
- A minimum of 6 s.h. selected from the following: ATY 385 or 387; CSC 101; CUI 555 or 450; ENG 260 or 321; HEA 201; PSY 341; SES 252, 460; SOC 101; STA 108*

**PSY 121 and SES 240 satisfy GSB; CST 105 satisfies one GRD requirement; if chosen, STA 108 will satisfy the GMT requirement.*

V Electives

Electives sufficient to complete the 128 semester hours required for degree.

Teacher Education Preparation K–12 Hearing Impaired Teacher Licensure Concentration (126 semester hours)

Student Learning Goals

Students completing the K–12 Hearing Impaired Teacher Licensure program are able to:

- Explain basic knowledge of typical speech, language, and auditory development.
- Demonstrate knowledge of the specific structure of the English language.
- Demonstrate knowledge of the content and curriculum sequence of the language arts and mathematics curricula in the North Carolina Standard Course of Study, Kindergarten through eighth grade and extensions.
- Demonstrate knowledge of research-based learning strategies and their relationship to the learning of individual students who are deaf or hard of hearing.
- Demonstrate knowledge of speech and hearing science, audiology, and communication modalities/options related to teaching students who are deaf or hard of hearing.
- Use specific strategies to assess the receptive and expressive communicative functioning of students who have hearing losses.
- Use specific strategies to assess and diagnose specific learning patterns of students who are deaf or hard of hearing.
- Instruct students who are deaf or hard of hearing in the use of strategies to facilitate learning across the curriculum.
- Assess, plan, implement, and monitor literacy progress of students who are deaf or hard of hearing in conjunction with the N.C. Standard Course of Study.
- Facilitate student participation in the N.C. state assessment program.
- Design and implement individualized service delivery and transition plans.
- Collaborate with other professionals and families in a variety of service delivery options for deaf or hard of hearing students.
- Communicate fluently with children or adults who are deaf or hard of hearing who may use a variety of communication options/modalities.
- Demonstrate understanding of the impact of hearing loss from intercultural and cross-cultural perspectives.
- Demonstrate understanding of the role of the family in serving children who are deaf or hard of hearing.
- Apply appropriate technology in serving deaf or hard of hearing children and their families in a variety of educational contexts.
- Demonstrate appropriate professional behavior and dispositions in interactions with deaf or hard of hearing students, their families, and other professionals.

The K–12 Hearing Impaired Teacher Licensure concentration provides training at the undergraduate level for teachers of deaf or hard of hearing children. Students *must* be admitted to Teacher Education/Teachers Academy before enrolling in the following courses: SES 350B, SES 350C, SES 451, SES 483, SES 578, CUI 420.

Students *must* be admitted to Teacher Education/Teachers Academy at least one semester before being admitted to Student Teaching. Practicum and student-teaching internship experiences take place within the central North Carolina Piedmont area in public school programs that serve students who are deaf or hard of hearing. Thus, students must have reliable transportation to and from practicum and/or internship sites.

Upon completion of the program, and receiving a passing score on the Praxis II Specialty Area exam: Deaf or Hard of Hearing, students are eligible for licensure by the North Carolina Department of Public Instruction (K–12 Hearing Impaired). Transfer students may require additional semesters to complete the undergraduate degree program.

Requirements

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
One additional GLT, GFA, or GPR course	3
Historical Perspectives on Western Culture (GHP)	3
Mathematics (GMT)	3
Natural Sciences (GNS)	6–7
one must be a laboratory course; each must have a different departmental prefix	
Reasoning and Discourse (GRD)	6
ENG 101 or FMS 115 or RCO 101, and one additional GRD course	
Department specifies courses for:	
Social and Behavioral Sciences (GSB)	6
required: SES 240 and SOC 101	

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers, at least one of which must carry the GN marker

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major.** All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major.** All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III Major Requirements

Minimum 62 s.h. in the major: SES 135, 240, 245, 250, 252, 335, 350A, 350B, 350C, 360, 450, 451, 460, 461, 464, 469, 483, 578. Completion of Sign Proficiency Test I

IV Related Area Requirements

Minimum 15 s.h.: CSD 334, 557; CST 207 or 350; PSY 250 or HDF 302; SOC 101*

V Teacher Licensure Requirements

13 s.h.: CUI 420, 450; ELC 381; HEA 201; LIS 120 or CUI 120

**SOC 101 satisfies GSB.*

Students must have a 2.75 overall grade point average (GPA) to be admitted to Teacher Education/Teachers Academy, and a 2.75 grade point average in all courses with an SES prefix in order to be admitted to Student Teaching. If a student receives a grade below C- (1.70) in an SES, Related Area, or Teacher Licensure course, the student is required to retake the course.

VI Electives

Electives sufficient to complete the 126 semester hours required for degree.

Elementary Education and Special Education: General Curriculum Dual Major (SPEL)

Degree: Bachelor of Science

Required: 127 semester hours

AOS Code: U252

The Departments of Curriculum and Instruction and Specialized Education Services are offering a dual major in elementary education and special education. Students completing the dual major will have initial licensure in elementary education K–6 and special education: general curriculum K–12. Students must be admitted to the teacher education program during the fall of their sophomore year and will begin professional course work spring of the sophomore year.

The 127-semester-hour dual major in elementary education and special education follows the admission guidelines to the School of Education teacher programs regarding (a) achievement of minimum passing score requirements set forth by the North Carolina Department of Public Instruction of the Professional Assessment for Beginning Teachers (Praxis I); (b) the recommendation of the departments; and (c) completion of at least 12 semester hours at UNCG [waived for transfer students who meet GPA requirements, have departmental recommendation, and have passed the Professional Assessment for Beginning Teachers (Praxis I)].

Additional departmental requirements include (a) a grade of C or better in either CUI 250 or SES 250 and (b) completion of all courses needed to fulfill the UNCG general education requirements (GEC). A minimum 3.0 GPA is required for admission.

Admission to Student Teaching

3.0 or better GPA, recommendation of departments, and C (2.0) or better in professional courses.

REQUIREMENTS

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	6
Philosophical, Religious, Ethical Principles (GPR)	3
Historical Perspectives on Western Culture (GHP)	3
Mathematics (GMT)	3
Natural Sciences (GNS)	6–7
one must be a laboratory course; each must have a different departmental prefix	
Reasoning and Discourse (GRD)	6
ENG 101 or FMS 115 or RCO 101, and one additional GRD course	
Department specifies courses for:	
Social and Behavioral Sciences (GSB)	6
required: HDF 302 and SOC 121	

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers, at least one of which must carry the GN marker

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major.** All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course

In addition to this WI Marker requirement, **students must also complete a second WI course within the major.** All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III Major Requirements

Elementary Education

33 s.h. to include CUI 250 or SES 250, CUI 320, 346, 350, 360, 370, 380, 400, 420, 461**

Special Education

34 s.h. to include SES 252, 350A, 350C, 360, 447, 460, 465**, 466, 469, 471, 472

***Students will student-teach for a total of 12 semester hours. Ten weeks in an elementary education setting that enrolls students with identified disabilities and six weeks in a secondary special education setting is required.*

IV Teacher Licensure Requirements

1. ART 367
2. DCE 345 or THR 315
3. ELC 381
4. ESS 341
5. HDF 302
6. HEA 201 or 341
7. LIS 120
8. MUS 361

V Electives

Electives sufficient to complete the 127 semester hours required for the degree.

Special Education: General Curriculum Major (SPED)

Degree: Bachelor of Science

Required: 127 semester hours, to include at least 36 hours at or above the 300 course level

AOS Code: U265

The Special Education Program provides opportunities for the study of school-age learners with mild to moderate disabilities (learning disabilities, behavior/emotional disabilities, and educable mental disabilities). Students enrolling in this program learn about trends and issues in the field of special education, characteristics and needs of students with mild to moderate disabilities, specialized teaching methods for working with these students, strategies for collaboration with parents/families and colleagues, positive means for providing behavior supports, and technology applications that support students' education.

In addition to courses in the major area, students elect a second academic concentration (e.g., psychology, sociology, interdepartmental studies). Field experiences and student teaching take place at local public and private schools with students who have mild to moderate disabilities. Students completing this program and its requirements are eligible for licensure by the North Carolina Department of Public Instruction in special education: general curriculum (K–12).

Transfer students may require additional semesters to complete this undergraduate degree program.

Also see **Teacher Education** for Teacher Education admission requirements and second academic concentration requirements.

Student Learning Goals

Students completing the teacher preparation program in special education: general curriculum are able to:

- Demonstrate understanding of current federal and North Carolina law and policy related to special education and related services.
- Explain the basic educational and clinical concepts relative to definition, characteristics, identification, and diagnosis of students with mild to moderate disabilities.
- Create or revise program models for effective special education service delivery, including transition, based on a system of care philosophy and issues related to competent professional role management.
- Use exemplary diagnostic, instructional, and therapeutic approaches, including those based on technology applications, for effectively and positively meeting the academic and social/emotional needs of students with mild to moderate disabilities.
- Evaluate the effectiveness of students' special education programs and services as well as overall program and service structures.
- Work collaboratively with other school professionals, paraprofessionals, parents, and community and agency personnel to meet the needs of students with mild to moderate disabilities.

Requirements

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
One additional GLT, GFA, or GPR course	3
Historical Perspectives on Western Culture (GHP)	3
Mathematics (GMT)	3
Natural Sciences (GNS)	6–7
one must be a laboratory course; each must have a different departmental prefix	
Reasoning and Discourse (GRD)	6
required: ENG 101 or FMS 115 or RCO 101, and one other GRD course	
Department specifies courses for:	
Social and Behavioral Sciences (SB)	6
required: PSY 121 and SOC 101	

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers, at least one of which must carry the GN marker

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major**. All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major**. All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III Major Requirements

Minimum 51 s.h. in the major: SES 135, 240, 250, 252, 350A, 350B, 350C, 360, 447, 460, 466, 465, 469, 471, 472

IV Related Area Requirements

CUI 320 or 335, 420, 450; ELC 381; HEA 201; LIS 120; PSY 121*, 250; SOC 101*

**PSY 121 and SOC 101 satisfy GSB.*

V Teacher Licensure Requirements

1. General Education requirements as identified within each major
2. ELC 381
3. LIS 120
4. CUI 450
5. CUI 320 or CUI 335 or CUI 420
6. HEA 201
7. Students must have a 2.75 overall grade point average to be admitted to teacher education, and a 2.75 grade point average in all courses with a SES prefix in order to be admitted to student teaching. Any grade below C- in a required core course makes a student ineligible to continue in the licensure track.

VI Second Academic Concentration Requirement

All students majoring in Special Education: General Curriculum are required to complete an approved second academic concentration consisting of course work in an academic discipline. Depending on the second academic concentration selected, up to six (6) semester hours may be counted toward both the General Education (GEC) requirements and the second academic concentration. The following 18-semester-hour concentrations have been approved for Special Education: General Curriculum: Art (Art History or Studio Art), Classical Studies (Greek or Latin), English, Geography, German, History, Mathematics, Physics and Astronomy, Political Science, and Religious Studies. Students selecting one of these second academic concentrations must also take six (6) semester hours of elective courses. The following 24-semester-hour concentrations have been approved for Special Education: General Curriculum: Anthropology; Communication Studies; Human Development and Family Studies; Psychology; Sociology; approved interdepartmental studies.

VII Electives

Electives sufficient to complete the 127 semester hours required for degree.

SPECIALIZED EDUCATION SERVICES COURSES (SES)

GE Core denotes General Education Core credit; GE Marker denotes General Education Marker credit; CAR denotes College Additional Requirement credit.

Courses for Undergraduates

135 Sign Language I (3:3)

American Sign Language and fingerspelling with emphasis on the development of basic receptive and expressive skills. (FALL & SPRING & SUMMER)

200 People with Disabilities in American Society (3:3)
GE Core: GSB

Exploration of the treatment of people with disabilities in American society from a personal, historical, political, and social perspective, including related legislation, portrayal in popular media, and contemporary issues. (FALL)

240 Communication Development in Children (3:3)
GE Core: GSB
- *Students cannot receive credit for both this course and CSD 308.*

Psychosociolinguistic and developmental processes in the acquisition of communication in typically developing children. Emphasis on interpersonal communication patterns in diverse cultures that contribute to and influence social interaction. (FALL & SPRING & SUMMER)

242 Introduction to Exceptional Children: Early Years (3:3)

Provides an overview to early childhood special education. Issues related to legislation, identification, characteristics, family roles, and programmatic concerns will be addressed. (FALL & SPRING)

243 History and Psychology of the Deaf (3:3)

Traditional and experimental methods of educating deaf children. Review of psychological studies of deafness and implications for education. (FALL)

245 Introduction to the Deaf Community (3:3)
Pr. SES 135

Introduction to the diverse members of the Deaf Community with emphasis on Deaf people as a linguistic and cultural minority. Focus is on historical, educational, political, social, and vocational issues. (FALL & SPRING)

250 Introduction to Professions in Specialized Education (3:2:3)

Overview of fundamental information about special education and occupations related to individuals with disabilities. Includes required field components in several settings, including public and private schools, residential schools, hospitals, and social service agencies. (SPRING)

252 Survey of Learning and Behavior Differences (3:3)
Pr. SES 250 or permission of instructor

Overview of learning and behavior differences as related to special education. Addresses etiology prevalence, characteristics, diagnosis, and treatment. Historical and legal aspects of educational programs also are addressed. (FALL)

270 Fingerspelling and Numbers in ASL (2:2:1)
Pr. SES 135

Provides concentrated instruction and practice in fingerspelling and numbers as used in ASL. Assists students in acquiring fluent fingerspelling ability through the use of receptive and expressive skills. (Spring)

333 Special Problems (1–3)
Pr. permission of faculty supervisor
- *May be repeated for credit.*

Guided individual study in an area of special interest to the student.

335 Sign Language II (3:3)
Pr. SES 135 or permission of instructor

Development of conversational skills in American Sign Language (ASL). Review of origin and application of contemporary manual communication systems. (Fall & Spring)

350 A, B, C Interprofessional and Instructional Field Experience (2:0:6)
Pr. SES 250
pr. or coreq. SES 360, 447, or 472, or permission of instructor
- *Course is repeated for credit three times, during the first three professional semesters.*

Field component of special education teacher preparation program. Provides opportunities for teachers to apply their knowledge and skills in a variety of settings with students with disabilities. (Fall & Spring)

355 Sign Language III (3:3)
Pr. SES 335

Continuation of Sign Language II with an increased emphasis on expressive skills, receptive skills, linguistic knowledge, and integration of cultural behaviors in conversational settings. (Fall) (Formerly SES 555)

357 The Profession of Interpreting (3:3)

An overview of the profession of interpreting including its history, organizations, guidelines for professional conduct, basic business practices, roles and responsibilities, legislative issues, health concerns, and certification requirements. (Alt Fall) (Formerly SES 572)

360 Assessment for Exceptional Learners (3:3)
Pr. SES 250 and 252, or permission of instructor

Formal and informal assessment approaches for identification and eligibility for special education for students who access the general curriculum. Strategies for planning and evaluating programs for students receiving special education. (Fall)

370 Deaf Literature (3:3:1)
Pr. permission of instructor

Study of literature by deaf authors and poets. Videotapes and reading selections pertaining to everyday lives of deaf people including ABC and number stories, residential stories, and ASL poetry. (Alt Fall)

380 English/ASL Lexical Development (3:2:2)

Expands an interpreter's lexical base in both ASL and English so that appropriate choices are made regarding context, register, culture, and economy of the interpreting process. (Fall)

420 Sign Language IV (3:3:1)
Pr. SES 555, or permission of instructor, or placement test

Continuation of Sign Language III with an increased emphasis on expressive skills, linguistic knowledge, and integration of cultural behaviors in conversational settings. Community lab hours required. (Spring)

425 Infant and Toddler Programs: Foundations and Methods (4:3:3)
Pr. HDF 211, 212, 302; SES 242

Theories, principles, methods and issues related in infant and toddler programs. An emphasis on integrating knowledge with skills to design, implement, and evaluate programs. Laboratory experience required. (Fall & Spring) (Same as HDF 425)

435 Preschool/Kindergarten Curriculum (4:3:3)
Pr. HDF 211, 212, 302; SES 242; SES or HDF 425

Provides information on principles and components of preschool/kindergarten curricula, and strategies of learning for young children. Emphasis includes young children with and without disabilities. Laboratory experience required. (Fall & Spring) (Same as HDF 435)

441 Young Children's Learning Environments (4:3:3)
Pr. HDF 211, 302; SES 242

Principles and methods of working with typical and atypical young children. Emphasis on identifying and evaluating strategies for enhancing children's development within a program setting. Laboratory experience required. (Fall & Spring) (Same as HDF 441)

447 Service Delivery Systems and Role Management (3:3)
Pr. SES 250 and 460, or permission of instructor

Design and delivery of school service delivery models for students with mild/moderate disabilities (e.g., general education, resource programs; co-teaching; consultation); management of exceptional children's teachers' many roles and responsibilities. (Spring)

450 Audition Development of Deaf Children (4:3:3)
Pr. CSD 250 and 334, or permission of instructor

Listening processes and auditory development, procedures and techniques for assessing audition development in young children with hearing impairments, and the history and philosophy of spoken language development programs. (Spring)

451 Spoken Language Facilitation in Deaf Children (4:3:3)
Pr. SES 240 and CSD 250 and admission to Teacher Education

Assessment procedures and strategies for developing spoken language in naturalistic and school settings with children with hearing impairments. (Fall)

452 Amplification Technology for Deaf Children (3:3)
Pr. CSD 250 and 334, or permission of instructor

Design and use of assistive listening technology available for young children who have hearing impairments, such as hearing aids, FM systems, and cochlear implants. (Fall)

455 Rural Education I: Deaf and Hard of Hearing (3:3)
Pr. permission of instructor

Study and description of rural communities and social problems within communities. Emphasis on change and diversity and how unique responses to needs of deaf and hard of hearing children are warranted. (Fall)

456 Rural Education II: Deaf and Hard of Hearing (3:3)
Pr. SES 455 and permission of instructor

Methods of working collaboratively with other school professionals to serve deaf and hard of hearing children in rural public schools. Emphasis on interpersonal working relationships and development of co-teaching strategies. (Spring)

457 Rural Education III: Deaf and Hard of Hearing (3:3)
Pr. SES 455, 456 and permission of instructor
Specialized in-service training techniques and knowledge about deaf and hard of hearing children. Module development for staff, parents, and children in rural public schools. (FALL)

460 Home-School Partnerships for Students with Exceptional Needs (3:3)
Pr. SES 250, or permission of instructor
Focuses on the needs of parents and families as they interact with personnel in schools, including procedural safeguards for parents/families, formal and informal meetings, culturally competent interactions, and home-school communication systems. (FALL)

461 Internship in Teaching Students with Hearing Loss (12:1:15)
Pr. admission to Student Teaching
Full-time supervised student teaching in one or more educational settings with deaf and hard of hearing students under direction of University supervisor. Conferences and seminars required. (FALL & SPRING)

462 Interpreting in Educational Settings (3:3)
Pr. SES 335 or permission of instructor
Overview of the roles and responsibilities of the interpreter as a member of the educational team. Includes professional protocol, and the academic, social, and emotional implications of mainstreaming. (FALL)

463 Transliterating (3:3)
Pr. SES 462 or permission of instructor
Builds a foundation for transliterating using various manually-coded English systems. Includes a basic introduction to sign-supplemented speech, oral transliterating, and Cued Speech. (SPRING)

464 Manually Coded English (3:3)
Pr. SES 335 or permission of instructor
Advanced manual communication with emphasis on receptive and expressive skills using Signing Exact English and Cued Speech. (FALL)

465 Student Teaching and Seminar: Students with Mild/Moderate Disabilities (12)
Pr. permission of department chair
Student teaching emphasizing teaching students with mild/moderate learning disabilities in K–12 settings with University supervision. Full-time special education teaching assignment in cooperating schools for a full semester. Conferences and seminars required. (SPRING)

466 Positive Behavior Supports for Exceptional Learners (3:3)
Pr. SES 250 and 252, or permission of instructor
Perspectives on cultural influences on school behaviors. Skills for completing functional assessment for systemic, classroom, and individual strategies using constructive therapeutic approaches to support exceptional learners in general curriculum emphasized. (SPRING)

467 Internship in Community Based Services (12:1:30)
Pr. SES 333 and permission of instructor
Internship component of Community Based Services concentration. Provides students with opportunities to apply knowledge and skills in working with individuals with disabilities in nontraditional educational settings in community. (FALL & SPRING)

469 Reading Instruction for Learners with Disabilities (3:3:0)
Pr. CUI 320, 335 or 420 or permission of the instructor
Course is designed to provide students with the instructional methodology to remediate students with disabilities through the use of direct, explicit, and systematic instructional strategies in reading. (FALL)

470 Parent Guidance and Hearing Impairment (3:3)
Pr. CED 310 and HDF 212, or permission of instructor
The impact on the family of having a child with a hearing impairment, and strategies to empower parents to facilitate their child's spoken language development. (SPRING)

471 Teaching Exceptional Learners the General Curriculum I (3:3)
Pr. SES 250, 252, 360, and CUI 330 or 420; or permission of instructor
Part of a two-course sequence for teachers of students with learning, behavioral, and mild/moderate cognitive disabilities. Provides a knowledge base for developing and managing educational programs for this population. (SPRING)

472 Teaching Exceptional Learners the General Curriculum II (3:3)
Pr. SES 250, 252, 360, and 471; or permission of instructor
Second of a two-course sequence for teachers of students with learning, behavioral, and mild/moderate cognitive disabilities. Provides a knowledge base for developing and managing general curriculum programs for this population. (FALL)

477 Interpreting: English to ASL I (3:3)
Develops skills in producing a linguistic and culturally equivalent ASL message from an English source message. Emphasis on discourse analysis, translation, and consecutive interpreting exercises. (SPRING) (Formerly SES 557)

478 Interpreting: English to ASL II (3:3)
Develops skills in producing a linguistic and culturally equivalent ASL message from an English source message. Emphasis is placed on simultaneous interpreting of narrative discourse and interactive interpreting. (FALL) (Formerly SES 558)

480 Interpreting in Specialized Settings (3:3:2)
Pr. SES 572
Focuses on techniques, ethics, and specific terminology associated with interpreting for diverse populations within the Deaf Community. Included are mental health, medical, performing arts, religious, social services, and vocational settings. (ALT FALL)

483 Instructional Methods: Students with Hearing Loss (3:3:3)
Pr. admission to Teacher Education
Strategies for facilitating deaf and hard of hearing students' acquisition of curricular content in inclusive educational settings. Emphasis on developing and implementing individualized learning plans. (FALL)

484 Methods of Service Delivery: Deaf Students (3:3:3)
Pr. SES 250, 460; or permission of instructor
Coreq. 483
Design and management of diverse school delivery options for deaf and hard of hearing students (e.g., resource programs, itinerant teaching, co-teaching, consultation). Management of multiple role responsibilities in collaborative relationships. (FALL)

486 Seminar and Practicum (3:3:2)
Pr. SES 477
Designed to prepare students for entrance into their professional careers. Includes portfolios, resumes, invoices, interview skills, and assessment instruments. Professional Development Plans, which incorporate practicum experiences, are constructed. (FALL & SPRING)

487 Interpreting/Transliterating Internship (12)
Pr. SES 486; completion of Interpreting Assessment I
Full-time supervised field experiences in a variety of settings related to the student's professional goals. Regularly scheduled conferences, seminars, and other projects are required. (FALL & SPRING)

488 Interpreting: ASL-to-English I (3:3)
Develops skills in producing a linguistic and culturally equivalent English message from an ASL source message. Emphasis is placed on rehearsed and spontaneous consecutive interpreting. (SPRING)

493 Honors Work (3–6)
Pr. permission of instructor; 3.30 GPA in the major, 12 s.h. in the major
- *May be repeated for credit if the topic of study changes.*

496 Interpreting ASL-to-English II (3:2:2)
Pr. SES 488
Development of skills in producing a linguistic and culturally equivalent English message from an ASL source message. Emphasis is placed on simultaneous interpreting. (FALL)

Courses for Advanced Undergraduates & Graduate Students

540 Introduction to Exceptional Individuals (3:3)
- *Restricted to seniors and graduate students.*

Introductory course designed to survey the field of exceptional children. Major attention focused on characteristics of the exceptional child. (FALL & SPRING & SUMMER)

543 Inclusion of Individuals with Special Needs (3:3)
Pr. permission of instructor
- *Restricted to seniors and graduate students.*

Explores critical issues, service delivery alternatives, and promising practices that promote responsible inclusion of individuals with special needs in integrated learning environments. (SPRING)

577 Auditory-Oral Communication Practices with Deaf Students (3:3)
Pr. SES 240 or equivalent and CSD 334
Strategies for developing and maintaining spoken language and using residual hearing and speechreading in school-age children with hearing loss. (FALL)

578 Language Teaching Methods with Deaf Students (3:3:3)
Pr. SES 240 and admission to Teacher Education, or 240 and permission of instructor
Principles and strategies for developing English language proficiency in deaf and hard of hearing students. Emphasis on integration of English instruction with academic content. (FALL & SPRING)

Please refer to The Graduate School Bulletin *for additional graduate-level courses.*

Statistics

(see Mathematics and Statistics)

Cornelia Strong College

South Spencer Hall
www.uncg.edu/strong

DIRECTOR
Linda Danford, Department of Classical Studies
SENIOR FELLOW AND ADMISSIONS DIRECTOR
Hope H. Hodgkins, Department of English
RESIDENTIAL COLLEGE COORDINATOR
Lauren MacKinnon, Housing & Residence Life and Freshman Seminars
FELLOWS
Bruce Caldwell, Department of Economics
Ken Caneva, Department of History
Stephen Danford, Department of Physics & Astronomy
Sherrill Hayes, Conflict Resolution
Maura Heyn, Department of Classical Studies
Christopher Hodgkins, Department of English
Hope Hodgkins, Department of English
Pam McRae, International Honors College
Jeffrey Patton, Department of Geography
Penelope Pynes, International Programs Center
Adam Ricci, School of Music
Mark Schumacher, Jackson Library
Susan Shelmerdine, Department of Classical Studies
Robert Simmons, Department of Classical Studies
Janice Tulloss, Information Technology Services
Annette Van, Department of English
Lollie White, Development Office
HONORARY FELLOWS
Timothy Johnston, Dean, College of Arts & Sciences
Dennis Patrick Leyden, International Honors College and Department of Economics
Kathleen Rountree, Associate Provost for Undergraduate Education
Patricia A. Sullivan, Chancellor

Cornelia Strong College is one of three Living-Learning Communities, or residential programs, at The University of North Carolina at Greensboro. It is named after Cornelia Strong, professor of mathematics and astronomy in the University from 1905 to 1948. Strong College is open to all students in the University through a competitive admission process, and is particularly suited to those who are seeking a richer and more rewarding academic experience than they might have in a traditional residence hall. Strong College offers its members the opportunity to participate in an informal social and academic community within the context of the greater University. While Strong College does offer one credit

tutorials on an optional basis, it does not have a special curriculum—its members take the usual complement of courses throughout the University.

Modeled on the undergraduate colleges of universities such as Harvard, Yale, and Rice, Strong College is made up of approximately 90 members in residence ("the Junior Common Room") and a group of faculty Fellows ("the Senior Common Room"), as well as a small number of non-resident Associate members. All members of Strong College may participate in a variety of co-curricular activities in the arts and sciences, including a weekly College Tea, the Blue Lemur Coffee Bar, other informal recreational groups, picnics, dances, and the climactic social events of the year, the Annual Croquet Tournament and Head of the Buffalo (boat race on Buffalo Creek). Strong College endeavors to provide an environment where students and faculty can interact in an informal manner outside the formal confines of the classroom.

The home of Strong College is South Spencer Hall, named after Cornelia Phillips Spencer, poet, social historian, and journalist whose writing was largely instrumental in reopening the Chapel Hill campus after a five-year shutdown during the Reconstruction era. The dormitory was built in 1907 as an addition to North Spencer Hall and the combined facility was at that time said to be the largest woman's dormitory under one roof in the country. Now outfitted with air-conditioning and computer hook-ups, South Spencer combines modern utility and convenience with historic grace and charm.

STRONG COLLEGE COURSE (STR)

Courses for Undergraduates

301 Strong College Tutorial (1:1)

Pr. students must be members of Strong College.

- *May be repeated for 3 hours of credit.*

A small number of Strong College students meet with a faculty member to explore an agreed upon topic. Faculty member will guide the discussion.

Student Academic Services

159 Mossman Building
336/334-5730

Students who are placed on academic probation at the end of their first semester at UNCG are required to participate in the Student Academic Success Program, sponsored by Student Academic Services, during their second semester at the University.

One of the requirements of the Student Academic Success Program is completion of the following course, "Strategies for Academic Success."

SAS COURSE

100 Strategies for Academic Success (0:2)

- *Enrollment required of, and restricted to, students who are placed on academic probation at the end of their first semester at UNCG.*
- *Attendance requirements enforced.*
- *Graded P/NP (Pass/Not Pass)*
- *Failure to register for SAS 100 and to attend the first class meeting will result in immediate academic suspension. If extraordinary circumstances prevent students from attending the first class meeting, they should contact the Retention Coordinator in Student Academic Services prior to that meeting to avoid immediate suspension.*

Topics will include self-assessment, motivation, goal-setting, study skills, learning styles, time management, and campus resources. Students will develop and follow an individualized learning plan to address their particular challenges and needs. (FALL & SPRING & SUMMER)

Study Abroad Programs

127 McIver Street
336/334-5404
www.uncg.edu/ipg

Lynette K. Lawrance, Associate Provost for International Programs

COMMITTEE MEMBERS

Carl T. Lambeth, Chair, Study Abroad Committee, Department of Interior Architecture
Kathleen Ahern, Department of German, Russian, & Japanese Studies
James Anderson, Department of History
Roberto Campo, Department of Romance Languages
Heidi Fischer, Bryan School of Business & Economics
Etsuko Fujimoto, Department of Communication
Louise Ivanov, School of Nursing
Dennis Leyden, Department of Economics
Elizabeth W. Lindsey, Department of Social Work
Arthur Murphy, Department of Anthropology
Jonathan Tudge, Department of Human Development and Family Studies
Nancy Walker, School of Music
Penelope Pynes, International Programs Center, ex officio

A UNCG student in good standing may spend a summer, semester or academic year abroad in several ways.

Academic Year and Semester Abroad Programs

- **UNCG Exchange Programs.** Through various exchange agreements, a UNCG student may swap places with a student in another country. Under these arrangements, students study abroad for approximately the cost of being in residence at UNCG. Opportunities for such exchange are currently available in Australia, Canada, China, Estonia, Finland, France, Germany, Japan, Korea, Mexico, New Zealand, Poland, Spain, Sweden, Turkey, and the United Kingdom.
- **The University of North Carolina Exchange Programs (UNC-EP).** Through this UNC program (headquartered at UNCG), UNCG is able to place students in any of 35 countries overseas. These programs are available through either UNC-EP negotiated exchange agreements or through the International Student Exchange Program (ISEP), a Washington-based exchange organization. The cost of such study is about the same as being in residence at UNCG.
- **Semester Abroad Programs.** UNCG offers other study abroad semester programs to several countries including India and Russia. Although not student exchange programs, these study abroad options are nonetheless less costly than study abroad opportunities offered through most other providers.
- **Non-UNCG Programs.** A UNCG student may spend a summer, semester, or year abroad under the auspices of a group or institution approved by the UNCG Study Abroad Committee. While generally more costly than ISEP or the UNCG programs, this option may be of interest to students seeking particular experiences not otherwise available.

Summer Abroad Programs

UNCG professors regularly lead student groups overseas. Over the past few years, groups have gone to such countries as Costa Rica, France, Greece, Spain, and the United Kingdom. These programs generally involve five or six weeks of supervised travel and study, followed by an additional three weeks of independent travel.

The UNCG Study Abroad Committee and the International Programs Center

All study abroad activities are carefully supervised by the UNCG Study Abroad Committee, which is comprised of faculty members and administrators with considerable experience in international education. The Committee is constantly working to expand study abroad options for UNCG students, and to make them available at reasonable cost. The Committee may recommend to the student's department that up to 30 semester hours of credit be earned for one year's study overseas.

The International Programs Center, in addition to handling most other administrative matters affecting study abroad, publicizes the various programs and advises prospective participants. Those interested in study abroad are advised as a first step to contact the IPC, 127 McIver Street, 336/334-5404, or visit its Web site at www.uncg.edu/ipg.

Teacher Education and Licensure Programs

The Teachers Academy
319 Curry Building
336/334-3414
www.uncg.edu/soe

Betty Epanchin, Director

Teacher licensure in North Carolina and qualification for licensure in most of the other states may be earned at four UNCG professional schools and various departments within the College of Arts and Sciences. Students may select licensure programs in a variety of subject areas.

The School of Education offers programs in Elementary Education, Middle Grades Education, Education of the Deaf, and Special Education; and jointly directs, with departments in the College of Arts and Sciences, programs for teacher licensure in core academic subjects at the secondary level.

The School of Health and Human Performance, the School of Human Environmental Sciences, the School of Music, and the College of Arts and Sciences, in collaboration with the School of Education, offer teacher education curricula.

Graduates of approved teacher education curricula are eligible for initial licensure on the basis of UNCG's recommendation to the State Department of Public Instruction. As requirements may vary among departments, students should check with their major advisor for specific information regarding their program.

Admission to Teacher Education

All students who wish to be recommended for licensure in any of the subject areas must be admitted to a specific Teacher Education Program. Candidates must be admitted to Teacher Education by the last day of late registration of the fall semester in order to be eligible to student teach the following spring, or by the last day of late registration of the spring semester in order to be eligible to student teach the following fall, as required by state law. No exceptions can be made.

The following requirements must be met:

1. Grade point average of at least 2.50 (some departments require a GPA higher than a 2.50 to be admitted to teacher education). To determine if students meet this standard, the grade point average (GPA) is calculated using all relevant undergraduate course work.
2. Recommendation of the school or department where major is to be taken
3. Achievement of minimum score requirements as set by the North Carolina Department of Public Instruction on the Professional Assessment for Beginning Teachers (Praxis I, ACT, or SAT)
4. Completion of at least 12 s.h. at UNCG. The 12 s.h. shall be waived for any transfer student who meets ALL of the aforementioned requirements for admission to Teacher Education. The grade point average for transfer students will be the transferable GPA as computed by the Office of Undergraduate Admissions.

For additional requirements specific to a program, students should check with their major school or department. Students should contact the Teachers Academy (located in Curry Building, 334-3450) for:

1. Clarification of admission requirements.
2. Appeal of the application of a rule or regulation.

Admission To Student Teaching

During the junior year, students already admitted to the Teacher Education Program must apply for admission to Student Teaching.

Student Teaching admission includes:

1. Grade point average of at least 2.50 (some departments require a GPA higher than a 2.50 for student teaching).
2. Approval of the school or department in which the student is majoring.
3. Completion of additional requirements specific to the major department or school teacher education program.

Application forms are available from the Teachers Academy and in most licensure program offices. Forms must be submitted by November 1 for student teaching **in the fall of the following year**, and by February 15 for student teaching **in the spring of the following year**.

Student teaching assignments are usually made in schools within commuting distance of UNCG. Teacher education students are not subject to special fees but are individually responsible for expenses incurred during student teaching, including transportation.

Student teaching in some subject areas is offered only in either the fall or the spring semester. Any student who plans to student teach should check with the Teachers Academy to be certain of the semester when student teaching will be offered in a particular subject area.

General and Professional Education Requirements

Requirements for teacher licensure are specified in the respective program descriptions. In addition to the courses specified for the particular degree or major, the following requirements must be met:

For Elementary and Middle Grades Licensure

1. General Education requirements as identified within each major
2. ELC 381 The Institution of Education
3. Additional licensure requirements as specified
4. Appropriate method course(s) and student teaching

For K–12 Special Subject-Area Licensure

1. General Education requirements as identified within each major
2. HEA 201 Personal Health
3. ELC 381 The Institution of Education
4. CUI 450 Psychological Foundations of Education
5. CUI 535 Literacy in the Content Area

6. Additional program specific requirements such as CUI 202 or HDF 302 for French and Spanish Licensure Programs
7. Appropriate method course(s) and student teaching

For Secondary Subject-Area Licensure (Grades 9–12)

1. General Education requirements as identified within each major
2. HEA 201 Personal Health
3. ELC 381 The Institution of Education
4. CUI 450 Psychological Foundations of Education
5. CUI 535 Literacy in the Content Area
6. CUI 545 Diverse Learners
7. Additional program specific requirements
8. Appropriate method course(s) and student teaching

Second Academic Concentration Requirement

All students majoring in Elementary and Physical Education are required to complete an approved second academic concentration consisting of a minimum of 18 semester hours in a basic academic discipline or an approved interdisciplinary field of study. Depending on the academic discipline selected, a maximum of six (6) hours may be counted toward General Education requirements and the second concentration. This requirement became effective for all students who entered the University in fall 2005. Some departments (e.g., French and Spanish) require 24 hours for their second academic concentration. All students majoring in Middle Grades Education must complete 24 hours in one of four middle-level content fields: Language Arts, Mathematics, Science, or Social Studies plus an additional concentration of 15 hours in one of these same four areas. This requirement also applies to students seeking a second degree in one of the affected majors. Students should check with the major school/department about this requirement or additional requirements specific to individual programs.

Teacher Licensure in Social Studies

Students majoring in anthropology, economics, geography, history, political science, psychology, or sociology can seek teacher licensure in comprehensive social studies. Students seeking social studies licensure must take a total of 36–42 semester hours in the social sciences beyond their major requirements from the departments of anthropology, economics, geography, history, political science, psychology, and sociology. Courses must be selected from the following approved list. This list is also available from the School of Education Advising Center (341A Curry), the student's major advisor, or the social studies advisor in the School of Education. Substitution of any requirements needed for licensure may be made by the social studies advisor in the School of Education.

Courses Satisfying Competencies for the Standard Professional I License in Secondary Social Studies

- Anthropology: select one from: ATY 212, 258; select one from: ATY 325, 330, 333, 335, 337
- Economics: ECO 201, 202
- Geography: select one from: GEO 105, 114, 202; select one from: GEO 102, 104, 344, or other regional course
- History: HIS 211 and 212; WCV 101 or 102; and one selected from: HIS 204, 215 or 216, 239 or 240, 381
- Political Science: PSC 100, and one selected from PSC 260 or 290
- SociologySOC 101, 301, or other relevant courses approved by program coordinator.

This licensure program relies heavily on early and adequate advising. It is the student's responsibility to meet as soon as possible with both his/her major advisor and the social studies advisor in the School of Education. See other sections in this chapter for additional teacher licensure requirements.

Application for Teacher Licensure

An application for licensure should be filed with the Teachers Academy during the last semester of the senior year. Students should be aware that the licensure process will take six weeks or longer after graduation to be completed.

UNCG recommends for a teacher's licensure those students who have completed the appropriate teacher education curriculum, attained acceptable competencies, and whose work has been approved by the appropriate department.

To be licensed in North Carolina, students must meet the specific state requirements for licensure, including an adequate score on relevant Praxis subject-area exams for several licensure programs and demonstration of technology competencies.

Teacher Education Curricula

Programs in teacher education are offered at UNCG in the three broad areas listed below. Their description is found under the school and/or department listed on the right.

Birth–Kindergarten, Elementary, and Middle Grades Licensure

Program	Department
Auditory/Oral (B–K)	Specialized Education Services
Birth through Kindergarten (B–K)	Human Development & Family Studies and Specialized Education Services
Elementary Education (Grades K–6)	Curriculum & Instruction
Middle Grades Education (Grades 6–9)	Curriculum & Instruction

K–12 Special Subject-Area Licensure

Program	Department
Art Education	Art
Education of the Deaf	Specialized Education Services
Music	Music
Physical Education	Exercise and Sport Science
School Social Work	Social Work
Second Language in French, & Spanish	Romance Languages
Special Education	Specialized Education Services
Theatre Education	Theatre

Secondary Subject-Area Licensure (Grades 9–12)

Program	Department
Biology	Biology
Chemistry	Chemistry & Biochemistry
English	English
Latin	Classical Studies
Mathematics	Mathematics & Statistics
Physics	Physics & Astronomy
Social Studies (Comprehensive)	Curriculum & Instruction

Requirements for teacher licensure are specified in the program descriptions under each respective department (see alphabetical department listings).

Undergraduate licensure students graduating in 1999 and after must demonstrate mastery of basic and advanced technology skills in order to qualify for licensure. The course LIS/CUI 120, Introduction to Instructional Technology, has been developed to assist students in meeting the basic technology competencies as well as in beginning their advanced technology portfolio.

EDUCATION COURSES (EDU)

GE Core denotes General Education Core credit; GE Marker denotes General Education Marker credit; CAR denotes College Additional Requirement credit.

Courses for Undergraduates

491 Introduction to Schools, Schooling, and Society (1:1)
Pr. admission to Alternative Licensure Program

Provides licensure candidates information regarding state and national teaching standards, school law, school organization and procedures, and context of schooling. (FALL OR SPRING OR SUMMER)

492 Foundations of Educational Psychology (1:1)
Pr. admission to Alternative Licensure Program

Licensure candidates will study fundamentals of child and adolescent development, learning theories and motivation, and make connections between course information and classroom settings, instructional design and assessment. (FALL OR SPRING OR SUMMER)

493 Introduction to Instructional Planning (1:1)
Pr. admission to Alternative Licensure Program

Introductory course that focuses on structures of learning, methods or ways of teaching, analysis of instructional resources, and planning responsive instruction. (FALL OR SPRING OR SUMMER)

494 Fundamentals of Assessment (1:1)
Pr. EDU 493

Covers five interconnected topics: measurement concepts, traditional grading and assessment, alternative grading and assessment, assessment design, and the use of assessment for improving instruction and student performance. (FALL OR SPRING OR SUMMER)

495 Fundamentals of Classroom Management (1:1)
Pr. EDU 493 and 494

Introduces prospective teachers to principles of classroom management, and assists the participant in developing classroom procedures, rules, organization, and instruction that minimize classroom distractions. (FALL OR SPRING OR SUMMER)

496 Foundations of Teaching Diverse Learners (1:1)
Pr. admission to Alternative Licensure Program
- *May not be taken prior to EDU 493.*

Designed to provide candidates with introductory knowledge and skills to facilitate their effectiveness in meeting the needs of diverse learners through appropriate instructional, curricular, and behavioral strategies. (FALL OR SPRING OR SUMMER)

497 Seminar/Internship I for Lateral-Entry Teachers (3:3)
Pr. EDU 491, 492, 493, 404, 495, 495

Participants will build upon the knowledge and skills acquired in the first six courses of the Alternative Licensure Program, learn more complex pedagogical theories, and develop advanced teaching techniques. (FALL)

498 Seminar/Internship II for Lateral-Entry Teachers (3:3)
Pr. EDU 497

Participants will build upon the knowledge and skills acquired in the Alternative Licensure Program, learn more complex pedagogical theories, and develop advanced teaching techniques. (SPRING)

Supply Chain Management

(see Information Systems and Operations Management)

Textile Products Design and Marketing

(see Consumer, Apparel, and Retail Studies)

Department of Theatre

College of Arts & Sciences

200 Taylor Building
336/334-5576
www.uncg.edu/the

FACULTY

James Fisher, Professor and Head of Department
Professors Bell, Cook, Hansen, Humphrey, McMullen
Associate Professors Gulley, Paludan, Wolf, Wren
Assistant Professors Briley, Morris
Lecturers Cauthen, Flannery, Shackelford

The Theatre Department offers a full range of liberal arts and professional degree programs that prepare undergraduate students for a variety of career opportunities in theatre. The Department offers the following undergraduate degree programs:

B.A. in Drama

B.F.A. in Drama, with concentrations in
Acting
Design and Technical Theatre
Technical Production
Theatre Education (Teacher Licensure)

The degrees, which are accredited by the National Association of Schools of Theatre, provide students with a vital mix of course work that combines both theory and practice and allows for the development of skills and talents.

The Department also offers two minors in Drama and Technical Theatre. Each minor requires completion of 18 semester hours of courses. The minors are broadly designed and include a variety of course selections and should be of interest to students with general interests in these areas who are majoring in complimentary fields such as Broadcasting and Cinema, Communication, English, Art, and Dance.

The Department's rich and varied curriculum is matched by an extensive co-curricular program that includes opportunities to participate in UNCG Theatre, Studio Theatre, Workshop Theatre, Summer Repertory Theatre, and the North Carolina Theatre for Young People productions. Participation in Department-sponsored plays and musicals is open to majors and non-majors alike.

The Department encourages students to pursue internship opportunities, particularly in the summer months. The University also offers an exciting array of study abroad programs.

The Department utilizes office, classroom, laboratory, studio, and performance space in the Taylor, Brown, Aycock, and Curry buildings on campus. The Department's faculty is composed of talented artists and scholars with excellent reputations as teachers. Students are encouraged to collaborate with faculty on creative and research projects during their course of study.

Admission to the Department's degree programs is competitive. The requirements stated below are minimum requirements, and marginal compliance with them does not automatically imply admission.

Admission to Closed Courses

Due to enrollment pressures and limitations on space in certain classes, the Department adheres to the following policy governing enrollment in its courses:

1. Individual faculty are responsible for adding or dropping students from their classes once enrollment limits have been met.
2. Students may be dropped from closed courses even though they may have successfully completed the registration process for the following reasons:
   a. Student is not a major or minor.
   b. Student has not completed course prerequisites or does not meet other enrollment restrictions as stated in the Undergraduate Bulletin.

Post-Baccalaureate Unclassified Students

Post-Baccalaureate unclassified students are restricted from taking any 500-level class without the permission of the department head and course instructor. Only officially admitted M.F.A. and M.Ed. students can register for 600-level courses.

Drama Major (DRAM)

Degree: Bachelor of Arts

Required: 122 semester hours, to include at least 36 hours at or above the 300 course level

AOS Code: U880

The B.A. in Drama provides a broadly based approach for students who wish to emphasize theatre as an undergraduate major. A strong core of courses in acting, directing, stagecraft, playscript analysis, and theatre history is supplemented by additional work in performance, technical theatre, and other theatre studies. B.A. Drama Majors have plentiful opportunities to develop analytical, communication, and presentational skills highly valued in university graduates.

All Theatre majors are expected to read and abide by the policies published in the Theatre Program student handbooks, available online.

REQUIREMENTS

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Philosophical, Religious, Ethical Principles (GPR)	3
Historical Perspectives on Western Culture (GHP)	3
Mathematics (GMT)	3
Natural Sciences (GNS)	6–7
one must be a laboratory course; each must have a different departmental prefix	
Reasoning and Discourse (GRD)	6
ENG 101 or FMS 115 or RCO 101, and one additional GRD course	
Social and Behavioral Sciences (GSB)	6

Department specifies courses for:

Fine Arts (GFA) 3
required: THR 502

One additional GLT course 3
required: THR 500 or 501

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers, at least one of which must carry the GN marker

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major**. All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major**. All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III College of Arts and Sciences Additional Requirements (CAR)

See pp. 89–91 for details and courses meeting CAR GPM/GMO and GLS/GPS requirements.

Historical Perspectives on Western Culture 3
one GPM (Premodern) or GMO (Modern) course, depending on category used to satisfy GHP requirement

Natural Sciences 3–4
any GLS or GPS course

Social and Behavioral Sciences (GSB) 3
any additional GSB course with a different departmental prefix

Foreign Language (GFL) 0–12
intermediate-level proficiency in one language, demonstrated by placement test, or by completing course work through course number 204

Writing Intensive Courses (WI)
a total of four WI courses

IV Major Requirements

1. THR 140, 145, 201, 231, 410, 500*, 501*, 502* with 4 s.h. of 190/191 and 4 s.h. of 490/491. Junior transfer students must complete a minimum of two s.h. of both 190/191 and 490/491, and senior transfer students must complete a minimum of two s.h. of 490/491.
2. One performance course selected from THR 120, 232, 280, 320, 381, 435, 534, 539, 581, 595
3. One design course selected from THR 351, 361, 370
4. One course selected from THR 305, 380, 506, 515, 516, 517, 584, 587
5. Nine s.h. from categories 2 and/or 3 and/or 4 and/or THR 245, 260, 346, 540, 542

**THR 500 or 501 satisfies one GLT; THR 502 satisfies GFA.*

V Electives

Electives sufficient to complete the 122 semester hours required for degree.

Drama Minor

Required: minimum of 18 semester hours

AOS Code: U880

All Drama minors are required to take THR 201 (3 semester hours). In addition, at least 15 hours must be taken from the following courses (three courses should be selected at the 200 level or above): THR 120, 140, 145, 231, 232, 280, 305, 380, 381, 320, 490, 491, 410, 581, 500, 501, 502, 506, 517.

Technical Theatre Minor

Required: minimum of 18 semester hours

AOS Code: U884

All Technical Theatre minors are required to take THR 201 (3 s.h.) and THR 140 or 145 (3 s.h.). In addition, at least 12 semester hours must be taken from the following courses: THR 140, 145, 245, 260, 361, 345, 351, 370, 490, 491, 540, 544, 542, 575, 549, 548.

Drama Major (DRAM)

Degree: Bachelor of Fine Arts

Required: 124–128 semester hours, to include at least 36 hours at or above the 300 course level

Available Concentrations and AOS Codes:

Acting, U881
Design & Technical Theatre, U882
Technical Production, U885
Theatre Education, with Special Subject-Area Teacher Licensure, U883

The B.F.A. Drama Major emphasizes that theatre is a discipline involving three basic factors: talent, study, and practice. Only students who show evidence of talent and who work to perfect it through classroom study combined with practical application in the production program will be continued in the major. Transfer students should note that this program is concerned with the maturation of the young artist. Thus enrollment for six semesters (three years) is required even when study is begun in the junior year. Students are formally reviewed for continuance in the B.F.A. programs each year. Continuance depends on academic and artistic achievement, and the student's overall professional development.

Admission to the B.F.A. in Drama Major

Students pursuing the B.F.A. in Drama select from four concentrations: Acting; Design and Technical Theatre; Technical Production; or Theatre Education (with teacher licensure).

Admission to Acting, Design and Technical Theatre, and Technical Production Concentrations

Provisional admission is granted to the B.F.A. in Acting, the B.F.A. in Design/Technology, and the B.F.A. in Technical Production during fall semester. At the end of fall semester, students formally audition or, in the case of Design/

Technology and Technical Production applicants, are interviewed for admission to these programs. Students should consult their faculty advisors for detailed audition and interview requirements. Admission to these programs is very competitive.

Admission to Theatre Education Concentration

Provisional admission is granted to students in the Theater Education concentration during the first three semesters. After receiving passing scores on the Praxis I and achieving a 3.0 GPA, students apply for admission to the Teachers Academy in the second semester of the sophomore year. A faculty interview is required for admission.

Transfer students should note that the program is concerned with the maturation and sequential training of the young artist/educator. Thus, enrollment for six semesters (three years) is required, even when students begin study in their junior year. Students planning to transfer to UNCG to pursue a B.F.A. in Theatre Education are cautioned to take courses that meet General Education Core (GEC) requirements instead of taking courses in the major.

Continuance in the B.F.A. Drama Major

As part of developing appropriate professional understanding, B.F.A. Acting students must complete one production assignment each semester in the freshman year and a total of six more assignments during their sophomore, junior, and senior years. Four of the B.F.A. Acting students' production assignments must be in technical-related activities.

B.F.A. Design and Technical Theatre and Technical Production students must complete one production assignment each semester in the freshman year and a total of six more assignments during the sophomore, junior, and senior years.

B.F.A. in Theatre Education students must maintain a 3.0 minimum GPA, complete 70 hours of pre-approved field experience in K–12 schools prior to student teaching, and complete a minimum of two stage management assignments in their program.

B.F.A. transfer students in Acting, Design and Technical Theatre, and Technical Production are required to complete one production assignment each semester in the program. THR 190/191 and THR 490/491 credit is earned for these production assignments as noted in the outline of requirements stated below.

Internship Requirements

B.F.A. Acting, Design and Technical Theatre, and Technical Production majors are required to complete an internship. The internship may be fulfilled in the UNCG Summer Theatre Program, in the North Carolina Theatre for Young People touring company, or in an intensive, off-campus theatre program that is approved by the Theatre faculty. Transfer students should make arrangements to schedule the internship as soon as possible. Internships must be approved prior to completion of the internship duties.

All Theatre majors are expected to read and abide by the policies published in the student handbooks, available online.

Acting, Design & Technical Theatre, and Technical Production Concentrations (124 semester hours)

REQUIREMENTS

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Philosophical, Religious, Ethical Principles (GPR)	3
Historical Perspectives on Western Culture (GHP)	3
Mathematics (GMT)	3
Natural Sciences (GNS)	6–7
one must be a laboratory course; each must have a different departmental prefix	
Reasoning and Discourse (GRD)	6
ENG 101 or FMS 115 or RCO 101, and one additional GRD course	
Social and Behavioral Sciences (GSB)	6
Department specifies courses for:	
Literature (GLT)	3
required for Acting Concentration: ENG 339 or 340	
required for Design & Technical Theatre & Technical Production Concentrations: THR 500	
Fine Arts (GFA)	3
required for all Concentrations: THR 502	
One additional GLT course	3
required: THR 501	

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers, at least one of which must carry the GN marker

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major**. All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major**. All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III Major and Related Area Requirements

Acting Concentration

Major Requirements

1. Acting Studies: THR 120; 221, 222, 321, and 322 repeated for a total of eight (8) s.h.; 231, 232, 331, 332, 539, 531, 532, 534
2. Technical Theatre Studies: THR 140, 145; one course selected from 361, 351, and 370

3. Other Theatre Studies: THR 190/191 repeated for four s.h., and THR 490/491 repeated for four s.h.; THR 201, 410, 500*, 501, and 502*
4. Completion of approved internship

Related Area Requirements

1. MUS 125 (2 s.h.)
2. THR 320 plus three dance courses selected in consultation with advisor
3. ESS 170
4. ENG 339* or 340*

**ENG 339 or 340 and THR 500 satisfy GLT; THR 502 satisfies GFA.*

Design & Technical Theatre Concentration

Major and Related Area Requirements

1. Design & Technical Theatre Studies: THR 140, 145, complete two (2) of THR 242, 244, 246; THR 190–195 repeated for four (4) s.h., 245, 351, 361, 370, 490–496 repeated for four (4) s.h., 498, 503, 504; ART 120, 140

   Note: Four (4) s.h. of 190–195/490–496 must be in scenery, costume, box office/publicity, running crew and/or production assignments. Transfer students must complete one 190–195 or 490–496 course per semester of residency in major.

   - six (6) courses selected from THR 242, 244, 246 (if not used above), 260, 345, 346, 395, 540, 541, 542, 543, 544, 545, 548, 549, 551, 552, 560, 570, 575, 584, 586, 587; ART 220, 221; CST 350; CRS 211; HEA 338
2. Performance Studies: THR 231 and 410
3. Other Theatre Studies: THR 201, 500*, 501, and 502*
4. Completion of approved internship

**THR 500 satisfies GLT; THR 502 satisfies GFA.*

Technical Production Concentration

Major and Related Area Requirements

1. Technology Studies: THR 140, 145; complete two (2) of 242, 244, 246; THR 190–195 repeated for four (4) s.h., 245, 284, 361, 351, 370, 490–496 repeated for four (4) s.h., 498

   Note: Four (4) semester hours of 190–195/490–496 must be in scenery, costume, box office/publicity, running crew, and/or production assignments. Transfer students must complete one 190–195 or 490–496 course per semester of residency in major.

   - six (6) courses selected from THR 242, 244, 246 (if not used above), 260, 345, 346, 503, 504, 540, 541, 542, 543, 544, 545, 548, 549, 575, 584, 586, 587; ART 120, 140; BCN 207; CST 350; CRS 211; HEA 338; MGT 200; MUS 131
2. Performance Studies: THR 231 and 410
3. Other Theatre Studies: THR 201, 500*, 501, and 502*
4. Completion of approved internship

**THR 500 satisfies GLT; THR 502 satisfies GFA.*

IV Electives

Acting Concentration

Major electives of 9 the 124 semester hours required for degree, and additional electives sufficient to complete the 124 hours required for degree.

Design & Technical Theatre Concentration

Electives sufficient to complete the 124 semester hours required for degree.

Technical Production Concentration

Electives sufficient to complete the 124 semester hours required for degree.

Theatre Education Concentration (128 semester hours)

REQUIREMENTS

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Philosophical, Religious, Ethical Principles (GPR)	3
Historical Perspectives on Western Culture (GHP)	3
Mathematics (GMT)	3
Natural Sciences (GNS)	6–7
one must be a laboratory course; each must have a different departmental prefix	
Reasoning and Discourse (GRD)	6
ENG 101 or FMS 115 or RCO 101, and one additional GRD course	
Department specifies courses for:	
Literature (GLT)	3
required: THR 500	
Fine Arts (GFA)	3
required: THR 502	
One additional GLT course	3
required: THR 501	
Social and Behavioral Sciences (GSB)	6
required: HEA 201 and PSY 121	

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Department specifies courses for:

Global/Global Non-Western Perspectives (GL/GN)
required: THR 506 (GN) and three additional GL/GN courses selected by student

Student may select courses for:

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major**. All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major.** All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III Major Requirements (53 semester hours)

1. Theatre Studies (51 s.h.): THR 120, 140, 145, 190/191, 201, 231, 232, 380, 381, 382, 370, 435, 482, 410, 586, 595, 510, 584, 500*, 501*, 502*, 506*, 515
2. Technical Theatre/Design (3 s.h.)
   one course selected from THR 245, 361, 351, 542

**THR 500 and 501 fulfill GLT; THR 502 fulfills GFA; THR 506 fulfills the GN marker requirement.*

Stage Management Assignment

Students must also complete an assistant stage managing and a stage managing assignment.

Required Professional Education Courses (27 semester hours)

1. LIS 120 Instructional Technology in Classroom
2. ELC 381 Institution of Education
3. HEA 201* Personal Health
4. CUI 450 Psychological Foundations of Education
5. CUI 470 Reading Education
6. CUI 545 Diverse Learners
7. CUI 465F** Student Teaching in Theatre Arts

**HEA 201 satisfies GSB.*

***Students are required to complete 70 hours of field experience in school prior to beginning student teaching.*

Professional Education Elective (3 semester hours)

Select one course from: CUI 527, 554, 555; LIS 554, 556; or SES 135

Other courses may be substituted by permission.

IV Electives

Electives sufficient to complete the 128 semester hours required for the degree.

Honors in Theatre

Requirements (12 semester hours)

Nine (9) semester hours in the major, selected from:

- THR 232 Acting II Honors
- any 500-level THR courses, completing graduate work with graduate students. Instructor must be notified at the beginning of course.
- any THR course negotiated as a Contract Course between the Honors Candidate and the instructor, meeting Honors council guidelines for Contract Courses. See advisor for application forms and deadlines for submission.
- HSS 330 Honors Independent Study, under the guidance of a faculty member, perhaps taken in preparation for the Capstone Experience/Project. See advisor for approval.
- THR 483 Honors Work, toward HSS 490

Note: University Honors courses may be substituted for up to 6 s.h. of the 9 s.h. required. These courses offer a wide range of subjects and can often serve as GEC courses for the Theatre Major.

Three (3) semester hours in HSS 490 Senior Honors Project

The B.A. Capstone Experience, building on earlier courses, and/or University Studies Abroad to create a capstone experience, can serve as credit for HSS 490. HSS 490 can substitute for THR 498. Students present their topics to their B.A. Faculty Review Committees for approval at least one semester before completing the capstone project. Upon completing the project, students summarize and analyze their project with the Faculty Review Committee. See advisor for possible capstone project examples.

Qualifications

- A grade of at least B in all course work used to satisfy the Honors requirements for Theatre
- A declared Theatre Major
- At least a 3.30 overall GPA at graduation

Recognition

The designation "Completed Disciplinary Honors in Theatre" and the title of the Senior Honors Project will be printed on the student's official transcript.

Honors Advisor

See Deborah Bell and undergraduate curriculum advisor for further information and guidance about Honors in Theatre.

THEATRE COURSES (THR)

GE Core denotes General Education Core credit; GE Marker denotes General Education Marker credit; CAR denotes College Additional Requirement credit.

Courses for Undergraduates

100 Drama Appreciation (3:3)
GE Core: GFA

Theatre as an art form: how the actor, director, and designer function. Outstanding plays of major periods demonstrate the technical and aesthetic aspects of theatrical production. Illustrated lectures, demonstrations, and classroom experiments.

120 Voice for the Actor (3:3)
Pr. Drama students only.

The study of the mechanics of the voice for dramatic literature, developing intelligible speech through the use of Standard American Sounds.

130 Fundamentals of Acting (3:3)
GE Core: GFA
- *For non-majors only.*

Understanding and appreciation of the problems, demands, and disciplines of the actor's art.

140 Stage Crafts: Scenery, Lighting, and Sound (3:2:3)

Introduction to technical theatre practice, backstage organization, scenery construction, stage lighting and sound. Practical experience in supervised laboratory and production program.

145 Stage Crafts: Costuming and Makeup (3:2:3)

Introduction to technical theatre practice in stage makeup and costuming. Practical experience in supervised laboratory and production program.

190 Theatre Practice—Performance (1:0:4)
- *May be repeated for up to two (2) credits.*

Department auditions are open to all students, and credit is given to those who are cast.

191 Theatre Practice—Scenery (1:0:4)
- *May be repeated for credit.*

Open to any student interested in participating in the scenery phase of production.

192 Theatre Practice—Costumes (1:0:4)
- *May be repeated for credit.*

Open to any student interested in participating in the costuming phase of production.

193 Theatre Practice—Box Office/Publicity (1:0:4)
- *May be repeated for credit.*

Open to any student interested in participating in the box office/publicity phase of production.

194 Theatre Practice—Production (1:0:4)
- *May be repeated for credit.*

Open to any student interested in participating in the technical phases of production.

195 Theatre Practice—Lighting (1:0:4)
- *May be repeated for credit.*

Open to any student interested in participating in the lighting phase of production.

201 Playscript Analysis (3:3)
Pr. admission to appropriate degree program or permission of instructor

Systems for analyzing playscripts which may be adapted and employed by directors, actors, and/or designers.

221 Dynamics in Acting: Movement I (1:0:3)
Pr. sophomore B.F.A. Acting major
- *May be repeated for credit.*

Daily practical exercise in physical disciplines to develop concentration, imagination, and the body as the actor's instrument.

222 Dynamics in Acting: Voice I (1:0:3)
Pr. sophomore B.F.A. Acting major
- *May be repeated for credit.*

Daily practical exercise in physical disciplines to develop concentration, imagination, and the voice.

231 Acting I (3:1:4)

Introduction to acting techniques: voice, movement, warmup exercises for the actor. Improvisation exercises and stage movement.

232 Acting II (3:1:4)
Pr. 231

Application of basic techniques developed in 231 to elementary scene study. Introduction to the Stanislavski System. Further study in movement, voice, and improvisation.

242 Technical Production: Scenery (2:1:3)
Pr. THR 140 or permission of instructor

Further develop the theatrical construction skills and knowledge necessary for advanced construction techniques and installation of scenic units. (FALL)

244 Technical Production: Costumes (2:1:3)
Pr. THR 145 or permission of instructor

To further develop costume technology skills taught at the beginning level in THR 145. (FALL)

245 Theatre Graphics (3:2:3)
Pr. 140

Introduction to the basic materials and techniques of graphic presentation in scenic, costume, and lighting design for the theatre.

246 Technical Production: Sound and Lighting (2:1:3)
Pr. THR 140 or permission of instructor

Enhance the student's familiarity with the process and equipment used in modern theatre production. (FALL)

260 Advanced Makeup (3:2:3)
Pr. 145 or permission of instructor

Special emphasis on character analysis, physiognomy, color, three-dimensional make-up, rubber prosthesis, beard and wig make-up for theatre, film and television production.

280 The Mask in Performance (3:2:3)
Pr. 130 or 231

A cross-cultural introduction to masks throughout history, their construction, and use in performance. (ALT YEARS)

284 Arts Management (3:3)

Introduction to arts management for nonprofit arts organizations. Topics include management principles, marketing, fundraising, and financial planning. (FALL OR SPRING)

291 Applied Theatre I (1–4:0:3–12)
- *May be repeated for credit.*

Supervised practical experience in various areas of theatre production.

305 Development of American Musical Theatre (3:3)
GE Core: GFA

Musical theatre as an art form, stressing its development and major works since 1800. Minstrelsy, vaudeville, burlesque, operetta, and revue, but major emphasis on musical comedy. Illustrated lectures and demonstrations.

315 Creative Drama for the Classroom Teacher (2:2:1)
Pr. elementary education majors with sophomore standing, or permission of instructor
- *Not open to theatre majors.*

Elementary school creative drama and its place in the curriculum. Emphasis on fundamentals, materials, teaching techniques, and evaluation.

320 The Actor's Space (3:1:4)
Pr. 231 and 232

Concentrated study of kinesthetic and spatial awareness. Special emphasis on physical and vocal adjustments to the demands of different performance spaces. (ALT YEARS)

321 Dynamics in Acting: Movement II (1:0:3)
Pr. junior B.F.A. Acting major
- *May be repeated for credit.*

Advanced daily practical exercise in physical disciplines to develop concentration, imagination, and the body as the actor's instrument.

322 Dynamics in Acting: Voice II (1:0:3)
Pr. junior B.F.A. Acting major
- *May be repeated for credit.*

Advanced daily practical exercise in physical disciplines to develop concentration, imagination, and the voice.

323 The Arts as Human Experience (3:3)
GE Core: GFA

An examination of the meaning of the arts experience, including its historical and personal significance. Includes reading and related work in art, dance, drama, and music. (Same as ART 323, DCE 323)

331 Acting III (3:1:4)
Pr. 231 and permission of acting faculty
- *B.F.A. Acting majors only.*

Concentrated study in script and role analysis. Intensive improvisation to develop acting techniques.

332 Acting IV (3:1:4)
Pr. 331

Intermediate acting technique. Emphasis on the practical application of Stanislavski's principles of Psycho-Technique and their subsequent interpretations.

345 Costume and Scenic Property Crafts (3:1:3)
Pr. 140 and 145

An introduction to craft materials for costume and stage properties. Craft materials will include industrial felts, leather, flexible and rigid foams, thermoplastics, paper products, adhesives, fabric paints and fabric dyes. (ALT YEARS)

346 Costume Crafts (3:2:3)
Pr. 145 or permission of instructor

Exploration of basic design elements and fabrics relative to costuming. Laboratory projects in costume crafts.

348 Experimental Course: Theatre in the Public Interest (3:3)
Pr. THR 500, 501, or 502

Through class discussion, guest lectures, videos, reading, research, and service learning, students will explore theatre artists and groups known for community-based socially and politically responsive work. This study will serve as basis for service learning project.

351 Scene Design (3:2:3)
Pr. 140 or permission of instructor

Principles and practice of scene design for performance.

361 Costume Design (3:2:3)
Pr. 145 or permission of instructor

Principles and practice of costume design for performance.

370 Lighting Design (3:2:3)
Pr. 140 or 291 or permission of instructor

Principles and practice of lighting design for theatre, television and film.

380 Playwriting (3:3)

Exercises in dramaturgical techniques including adapting literature for performance. Composition of one-act plays.

381 Oral Interpretation (3:3)

Principles of interpretation: analysis and practice in the oral presentation of various forms of literature to be selected from poetry, prose, and drama.

382 Theatrical Design for Schools K–12 (3:3)
Pr. 140 and admission to appropriate degree program; or permission of instructor.

Study of design techniques and the execution of scenery, lighting, and costuming for low budget play and musical production.

390 Workshop Theatre Practice (1:0:3)
- *May be repeated for credit.*

Supervised production work in the Workshop Theatre.

395 Special Problems (1–3)
Pr. permission of faculty supervisor is required prior to registration.
- *May be repeated for credit.*

Guided individual study in an area of special interest to the student. (Formerly THE 333)

410 Directing I (3:3)
Pr. 201, junior standing, and admission to appropriate degree program; or permission of instructor.

Fundamental principles of directing for the theatre including adapting literature for performance.

435 Performance Styles (2:0:3)
Pr. 231, 232 or permission of instructor

Introduction to acting styles including Greek, Commedia dell'Arte, Elizabethan, Comedy of Manners, and Musical Theatre. (FALL & SPRING & SUMMER)

482 Teaching Methods in Theatre Arts (3:3:4)

Philosophy, means, and methods for conducting classes and structuring curricular and cocurricular theatre activities. Includes internship in public schools as lab. Required for Theatre Education teacher licensure. (FALL)

483 Honors Work (3–6)
Pr. permission of instructor; 3.30 GPA in the major, 12 s.h. in the major
- *May be repeated for credit if the topic of study changes.*

490 Advanced Theatre Practice—Performance (1:0:4)
Pr. four (4) s.h. of 190, 191, 192, 193, 194, and/or 195 and junior standing
- *May be repeated for up to two (2) credits.*

Departmental auditions are open to all students, and credit is given to those who are cast.

491 Advanced Theatre Practice—Scenery (1:0:4)
Pr. four (4) s.h. of 190, 191, 192, 193, 194, and/or 195 and junior standing
- *May be repeated for credit.*

Open to any student interested in participating in the scenery phase of production.

492 Advanced Theatre Practice—Costumes (1:0:4)
Pr. four (4) s.h. of 190, 191, 192, 193, 194, and/or 195 and junior standing
- *May be repeated for credit.*

Open to any student interested in participating in the costuming phase of production.

493 Advanced Theatre Practice—Box Office/Publicity (1:0:4)
Pr. four (4) s.h. of 190, 191, 192, 193, 194, and/or 195 and junior standing
- *May be repeated for credit.*

Open to any student interested in participating in the box office/publicity phase of production.

494 Advanced Theatre Practice—Production (1:0:4)
Pr. four (4) s.h. of 190, 191, 192, 193, 194, and/or 195 and junior standing
- *May be repeated for credit.*

Open to any student interested in participating in the technical phases of production.

495 Advanced Theatre Practice—Lighting (1:0:4)
Pr. four (4) s.h. of 190, 191, 192, 193, 194, and/or 195 and junior standing
- *May be repeated for credit.*

Open to any student interested in participating in the lighting phase of production.

496 Advanced Theatre Practice—Running Crew (1:0:4)
Pr. four (4) s.h. of 190, 191, 192, 193, 194, and/or 195 and junior standing
- *May be repeated for credit.*

Open to any student interested in participating in the running crew phase of production.

498 Design and Technical Theatre Practicum (1–2:0:3–6)
Pr. junior standing, admission to the B.F.A. Design and Technical Theatre program
- *May be repeated for credit.*

Practice in design or technical production for performance.

499 Advanced Theatre Practice—Capstone (1:0:4)
Pr. four (4) s.h. of 190/191, and senior standing
- *May be repeated for credit.*

Senior project focusing on student's personal interest in theatre.

Courses for Advanced Undergraduates & Graduate Students

500, 501, 502 Theatre History I, II, III (3:3), (3:3), (3:3)
GE Core: GLT for THR 500 and 501; GFA for THR 502

Specific conditions under which the great plays of the world have been produced. First semester: the beginnings to 1600; second semester: 1600–1850; third semester: 1850 to the present.

503, 504 Period Styles in Performance Design I, II (3:3), (3:3)
Pr. admission to B.F.A./MFA design program; or permission of instructor.

Study of period style and how it is used in performance design. First semester: architecture, decor, and fashion from antiquity to Renaissance. Second semester: architecture, decor, and fashion from Renaissance to present.

505 American Theatre History (3:2:3)
Pr. junior standing, or permission of instructor

Development of Theatre in America from its beginnings to the present. Includes consideration of theatre artists and companies, audiences, performance spaces, production and business practices, plays, and playwrights. (FALL OR SPRING OR SUMMER)

506 Non-Western Theatre and/or Film (3:2:3)
GE Marker: GN
- *May be repeated for up to six (6) semester hours, depending on course content.*

Dramatic literature, theatre, and/or film in India, China, Japan, and Africa. Subject varies with instructor. (FALL OR SPRING OR SUMMER)

510 Directing II (3:3)
Pr. two theatre courses and THR 201 and 460; or permission of instructor.

An intermediate directing course that involves the student in the theory and practice of contemporary plays. (SPRING)

515 Creative Dramatics for School and Community (3:2:2)
Pr. admission to appropriate degree program, or permission of instructor

Research and literature for creative dramatics for children, ages five through 14. Practice in leading groups of children in creative dramatics.

516 Puppetry (3:2:2)
Pr. admission to appropriate degree program, or permission of instructor

Scope and development of puppetry throughout the world. Practical experience in the design, making, and performing of puppets.

517 Children's Theatre for School and Community (3:2:2)
Pr. admission to appropriate degree program, or permission of instructor

Research and literature of children's theatre; methods of producing plays with children in school and community situations.

531 Acting V (3:1:4)
Pr. 331 and 332, and admission to appropriate degree program; or permission of instructor.

Advanced scene study and role preparation with emphasis on the plays of Chekhov, Shaw, Ibsen, Strindberg, and American neoclassic dramatists.

532 Period Acting I (3:1:4)
Pr. 331, 332, and admission to appropriate degree program; or permission of instructor.

Study and practice of Shakespearean acting styles. Performance emphasizing manners, movement, and vocal delivery of the Elizabethan period.

534 Acting for the Camera (3:2:2)
Pr. admission to appropriate degree program, or permission of instructor
- *For advanced undergraduates and graduate students in Theatre.*

Practical experience in camera technique for actors in dramatic film and television production.

539 Professional Theatre Audition Techniques (3:3)
Pr. 231, 232, and admission to appropriate degree program; or permission of instructor.

Audition theory, techniques, and practice for theatre, television, and films.

540 Advanced Stagecrafts (3:2:3)
Pr. 140 and admission to appropriate degree program; or permission of instructor.

Study of advanced scenic construction, property construction, and rigging techniques for the stage. Supervised laboratory work in wood, plastics, metal, and other materials.

541 Technical Direction (3:3)
Pr. 140 and 351 or 370; and junior, senior, or graduate standing; and admission to appropriate degree program; or permission of instructor.

Theatrical technical direction with emphasis on organizational, managerial, and problem-solving duties and responsibilities. Lecture combined with practical projects.

542 Scene Painting I (3:1:4)
Pr. 140 and 351, and admission to appropriate degree program; or permission of instructor.

Tools, materials, and techniques of scene painting.

543 Scene Painting II (3:1:4)
Pr. 140, 351, 542, and admission to appropriate degree program; or permission of instructor.

Advanced problems in scene painting.

544 Computer Assisted Drafting (3:1:6)
Pr. 545, or IAR 111 and IAR 112; or ART 222; or equivalent technical drawing aptitude and admission to appropriate degree program.

Fundamental principles and application of 3-D design utilizing a DOS based drafting and design program.

545 Scene Drafting and Construction (3:3)
Pr. 351 and admission to appropriate degree program; or permission of instructor.

Advanced problems in scene construction combined with the development of scene drafting skills and techniques. (ALT YEARS)

548 Stage Millinery and Accessories (3:1:4)
Pr. admission to appropriate degree program; or permission of instructor.

Historical millinery and accessories in relation to stage adaptation; design and construction techniques.

549 Historical Costume Pattern Drafting and Draping (3:1:6)
Pr. admission to appropriate degree program; or permission of instructor.

Historical pattern-making techniques for stage costumes; theory and practice in costume construction.

551 Advanced Scene Design (3:1:6)
Pr. 351 and admission to appropriate degree program; or permission of instructor.

Advanced problems in scene design for single set productions in performance.

552 Multi-Set Design Techniques (3:1:6)
Pr. 351 and admission to appropriate degree program; or permission of instructor.

Advanced problems in scene design for multi-set productions in performance.

560 Advanced Costume Design (3:2:3)
Pr. admission to appropriate degree program; or permission of instructor.

Advanced problems in costume design for performance.

570 Advanced Stage Lighting Design (3:2:3)
Pr. 370 and admission to appropriate degree program; or permission of instructor.

Advanced problems in lighting design for performance.

575 Theatrical Sound Design and Technology (3:3)
Pr. 140 and admission to appropriate degree program; or permission of instructor.

An introduction to the theory, aesthetics, and technology of theatrical sound design.

581 Advanced Oral Interpretation (3:3)
Pr. 381 or graduate standing

Audiences, materials, and procedures of readers theatre. Practice in advanced principles of oral interpretation of literature.

584 Theatre Management (3:3)
Pr. drama major, and admission to appropriate degree program; or permission of instructor.

Theatre organization and operation. Practical problems of financing, promoting, and staffing various theatre programs.

586 Stage Management (1–2)
Pr. 140; or permission of instructor
- *May be repeated for a total of three credits.*

The role of the stage manager. Supervised participation as a stage manager in the theatre production program.

587 Theatre Field Studies (1–3:3)
- *May be repeated for up to four (4) semester hours.*

Guided off-campus study in the Theatre disciplines. Travel required. Site and topic will vary from semester to semester.

589 Experimental Course: Spirituality in African American Drama (3:3)

The course will examine the spiritual dynamics of the role of the black church and the African American playwright.

595 Directing Practicum (1:0:3)
Pr. 410 and admission to appropriate degree program; or permission of instructor.
- *May be repeated for a total of two (2) semester hours.*

Practice in directing the play; preparations of a 25-minute play or excerpt, and presentation in the Workshop Theatre.

596 Applied Theatre II (1–4:0:3–12)
Pr. admission to appropriate degree program, or permission of instructor

Intensive experience in one or more areas of theatre production.

Please refer to The Graduate School Bulletin *for additional graduate-level courses.*

University Studies

Office of the Provost

Student Academic Services
159 Mossman Building
336/334-5730

University Studies courses are designed to prepare entering freshmen and transfer students to meet the many demands and challenges of the university experience. Students will gain understanding of personal responsibility for college experience, and will identify, define, and utilize strategies for personal and academic success at the University. Classes will be limited in size and will be restricted to first-semester students.

UNIVERSITY STUDIES COURSES (UNS)

For Undergraduates

101 University Studies (1:2)
- *Freshmen only*
- *May NOT be repeated for credit or grade improvement.*

This course exposes students to essential competencies for academic and personal success, including knowledge of university environment, self-awareness, critical thinking, and decision-making skills.

102 The Transfer Experience (1:1)
Pr. first-semester transfer status

This course is designed to expose first-semester transfer students to essential competencies for academic and personal success, including knowledge of the university environment, self-awareness, and academic success skills. (FALL & SPRING)

105 The Learning Community Experience (2:2)
Pr. enrollment in a Grogan College Learning Community

Introductory examination of critical issues in educational theory and practice related to the learning community concept. The course also exposes students to essential competencies for academic and personal success. (FALL)

110 First Year Experience (3:3)
Pr. first-year students only

Course explores the history and purpose of UNCG, the nature of personal interactions in a campus environment, and the development of personal success skills and values. (FALL & SPRING)

201 Experimental Course: The Sophomore Experience (1:2)
This course equips sophomores with essential competencies for academic and personal success including development of personal strengths, exploration of majors and careers, critical thinking, academic skills, and using campus resources. (FALL)

Western Civilization

(see History & Western Civilization)

Women's and Gender Studies Program

College of Arts & Sciences

200 Foust Building
336/334-5673
http://wgs.uncg.edu

COORDINATING COUNCIL MEMBERS
Katherine Jamieson, Director, Women's and Gender Studies Program; Department of Exercise & Sport Science
Leila Villaverde, Director of Graduate Studies, Women's and Gender Studies Program; Department of Educational Leadership and Cultural Foundations
Danielle Bouchard, Assistant Professor, Women's and Gender Studies Program
Elizabeth Chiseri-Strater, Department of English
Ann Dils, Department of Dance
C. P. Gause, Department of Educational Leadership and Cultural Foundations
Mary Ellis Gibson, Department of English
Diane Gill, Department of Exercise and Sport Science
Catherine Holderness, Master of Business Administration Program
Jeanne Irwin-Olson, Wellness Programs, Student Health Services
Karen Kilcup, Department of English
Carole Lindsey-Potter, Program Administrator, Women's and Gender Studies Program
Susan Phillips, Department of Communication Sciences and Disorders
Hephzibah Roskelly, Department of English
Carisa Showden, Department of Political Science
Paige Smith, Department of Public Health Education
Juana Suárez, Department of Romance Languages
Beth Walker, Undergraduate Advisor, Women's and Gender Studies Program
Jacquelyn White, Department of Psychology

Faculty members affiliated with the Women's and Gender Studies Program are housed in departments throughout the College of Arts and Sciences and the Schools. Interested students should contact the program director, Mary Ellis Gibson.

Mission Statement

The central mission of the Women's and Gender Studies Program is to use gender, along with race and class, as a category of analysis, to help students investigate the role that gender plays in our history, art, politics, education, sports, health, and family. The Program grew out of the limitations that instructors perceived in the liberal arts curriculum as it was traditionally structured, with its overwhelming concentration on the perspective of privileged men. The Program addresses issues of neglect, omission, and bias in curricula while honing those critical thinking skills vital to a liberal education. With the assistance of the community-based Friends of Women's and Gender Studies, the program sponsors visiting scholars, lectures, films, and conferences devoted to the advancement of women's and gender studies.

Women's and Gender Studies Major (WGST)

Degree: Bachelor of Arts
Required: 122 semester hours, to include at least 36 hours at or above the 300 course level
AOS Code: U871

Student Learning Goals

- To know how women's lives have been affected by social institutions around the world and throughout the United States;
- To investigate the history of ideas about gender;
- To understand women's lives as they relate to the disciplinary areas of arts and sciences, education, business, and health-related professions;
- To appreciate the variety of choices and limitations in women's lives as they are shaped by biology and society;
- To explore all these areas by conducting research (either qualitative or quantitative), by reading deeply and widely and thinking and writing critically and reflectively;
- To understand in critical context feminist theory;
- To complicate understandings of gender with critical awareness of interrelationships to race, ethnicity, class, sexual orientation, nationality, and religion;
- And to gain understanding of the interrelationships between theories and practices through fieldwork, observation, and discussion.

REQUIREMENTS

I General Education Core Requirements (GEC)

See chapter 5, University Requirements, for complete GEC requirements and approved courses for all categories.

Core Category	S.H.
Students may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	3
Historical Perspectives on Western Culture (GHP)	3
Mathematics (GMT)	3
Natural Sciences (GNS)	6–7
one must be a laboratory course; each must have a different departmental prefix	
Reasoning and Discourse (GRD)	6
ENG 101 or FMS 115 or RCO 101, and one additional GRD course	

Department specifies courses for:

Philosophical, Religious, Ethical Principles (GPR) 3
required: WGS 350

One additional GLT course *(student may select)* 3

Social and Behavioral Sciences (GSB) 9
required: WGS 250 and two other GSB courses

II General Education Marker Requirements

See chapter 5, University Requirements, for details and courses. It is possible to meet all GE Marker Requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)
four (4) courses carrying GL/GN markers, at least one of which must carry the GN marker

One Speaking Intensive (SI) Course
In addition to this SI Marker requirement, **students must also complete a second SI course within the major.** All programs have identified at least one course among their major requirements that is taught as Speaking Intensive.

One Writing Intensive (WI) Course
In addition to this WI Marker requirement, **students must also complete a second WI course within the major.** All programs have identified at least one course among their major requirements that is taught as Writing Intensive.

III College of Arts and Sciences Additional Requirements (CAR)

See pp. 89–91 for details and courses meeting CAR GPM/GMO and GLS/GPS requirements.

Historical Perspectives on Western Culture 3
one GPM (Premodern) or GMO (Modern) course, depending on category used to satisfy GHP requirement

Natural Sciences 3–4
any GLS or GPS course

Social and Behavioral Sciences (GSB) 3
any additional GSB course with a different departmental prefix

Foreign Language (GFL) 0–12
intermediate-level proficiency in one language, demonstrated by placement test, or by completing course work through course number 204

Writing Intensive Courses (WI)
a total of four WI courses

IV Major Requirements

Minimum 27 semester hours above the 100 level

Core Requirements (9 semester hours)

The following courses are required of all majors: WGS 250*, 350*, 490

**WGS 250 satisfies one GSB; WGS 350 satisfies one GPR.*

Electives (18 semester hours)

18 s.h. of approved courses from among the following: BCN 325; CED 574; CUI 555; ENG 331, 332, 531; ESS 532; HDF 407; HEA 260, 333; HIS 304, 328, 329, 359, 551; NUR 330; PSC 335, 336; PSY 346; REL 309, 310; SOC 229, 354/MGT 354; SPA 222; WGS 333, 400*, 450, 460, 490

Special topics courses or sections with central focus on women and gender may be approved for elective credit by the Director of WGS.

Please note that these courses are cross-listed; students should select only one: HEA 333/NUR 330; SOC 354/MGT 354

**Only two Independent Studies equivalent to six (6) semester hours may be taken toward the Women's and Gender Studies major.*

Women's and Gender Studies Minor

Required: minimum of 18 semester hours

Core Requirements (9 semester hours)

WGS 250, 350, 490

Electives (9 semester hours)

9 s.h. of approved courses from among the following: BCN 325; CED 574; CST 559; CUI 555; ENG 331, 332, 531; ESS 532; HEA 260, 302, 333; HDF 407; HIS 304, 328, 329, 359, 551; NUR 330; PSC 335, 336; PSY 346; REL 309, 310; SOC 229, 354/MGT 354; SPA 222; WGS 333, 400**, 450, 460, 490

Special topics courses or sections with central focus on women and gender may be approved for elective credit by the Director of WGS.

Please note that these courses are cross-listed; students should select only one: HEA 333/NUR 330; SOC 354/MGT 354

***Only one Independent Study equivalent to three (3) semester hours may be taken toward the WGS minor.*

WOMEN'S AND GENDER STUDIES COURSES (WGS)

GE Core denotes General Education Core credit; GE Marker denotes General Education Marker credit; CAR denotes College Additional Requirement credit.

These courses were formerly listed with the prefix of WMS.

Courses For Undergraduates

250 An Introduction to Women's and Gender Studies (3:3)
GE Core: GSB

An interdisciplinary introduction to the study of gender through images, roles, and status in U.S. history and culture. Special attention given to developing critical frameworks for understanding gender in society.

270 Sexuality and Culture (3:3)

An introduction to the academic study of lesbian, gay, bisexual, transgender, and intersex histories, experiences, and cultures. (ALT YEARS)

333 Women in Non-Western Cultures (3:3)
GE Core: GHP GE Marker: GN CAR: GMO

Explores problems and opportunities for women in non-western cultures, effects of the rapid process of social change, and the oppressive and liberating forces in women's lives.

350 Introduction to Feminist Theories (3:3)
GE Core: GPR
Pr. WGS 250

Explores and evaluates feminist theories in a socio-historical context. Raises questions about their implications for different methods of inquiry and about the nature of knowledge and rational thought.

400 Independent Study (1–3)
Pr. permission of sponsoring instructor
- *May be repeated once for credit.*

Intensive independent study of specialized topics.

450 Topics, Seminar in Women's and Gender Studies (3:3)
- *May be repeated for credit when topics vary.*

An in-depth study of a selected topic or topics in Women's and Gender Studies involving directed reading and research. Category credit varies.

460 Internship in Women's and Gender Studies (3:0.5:9)
Pr. WGS 250, plus 6 additional s.h. in WGS; 6 s.h. in core courses in major, if other than WGS.
- *For Women's & Gender Studies majors and minors only.*

Practical experience in a variety of professional settings. Includes bi-weekly seminar with internship coordinator. Students complete at least 7–10 hours a week at internship sites.

490 Women's and Gender Studies Senior Capstone Course (3:3)
Pr. majors and minors only
- *Writing Intensive (WI) and Speaking Intensive (SI).*

Required capstone course in Women's and Gender Studies. Each student will design and present a culminating project, and will complete and review their portfolio developed from their WGS courses. (SPRING)

493 Honors Work (3–6)
Pr. permission of instructor; 3.30 GPA in the major, 12 s.h. in the major
- *May be repeated for credit if the topic of study changes.*

Please refer to The Graduate School Bulletin *for additional graduate-level courses.*

Accelerated Master's Programs for Undergraduates

UNCG offers undergraduates with demonstrated academic ability a fast track to a graduate degree. Talented students can earn a bachelor's and master's degree in approximately five years instead of the usual six or seven.

Although formal admission to an accelerated program is usually in the junior or senior year, **careful selection of undergraduate courses in the freshman and sophomore years is essential.** Interested students should speak with an advisor in the department of their undergraduate major as early as possible. Students should have Advanced Placement (AP) credit (see chapter 2) in order to reduce the number of undergraduate hours necessary to be taken during the senior year.

The program represents two distinct patterns. The first allows students to continue with graduate work in the same discipline as the undergraduate major. The second pattern enables students to complement the undergraduate major with graduate study in another area. See specific Accelerated Master's Programs listed below for requirements.

Accelerated Master's Programs for Undergraduates

B.A. or B.S. [Anthropology, Business Administration, Chemistry, French, German, General Music, Physics, Political Science, Spanish] and Master of Business Administration (M.B.A.)

B.A. or B.S. [Anthropology, Economics Political Science] and Master of Arts in Applied Economics (M.A.)

B.S. in Accounting/M.S. in Accounting

B.A. in Biology/M.S. in Chemistry

B.S. in Chemistry/M.S. in Chemistry

B.A. in Economics and Master of Public Affairs (M.P.A.)

B.S. in Exercise & Sport Science-Sports Medicine/M.S. in Exercise & Sport Science—Athletic Training

B.S. in Mathematics/M.A. in Mathematics

B.A. in Political Science and Master of Public Affairs (M.P.A.)

Accelerated Masters Program for Undergraduates—B.A. or B.S. and Master of Business Administration (M.B.A.)

The Accelerated Master of Business Administration provides the opportunity for a student to complete a bachelor's degree (B.A. or B.S.) within a four-year period and to shorten the time required to finish the M.B.A. degree

Pre-established programs include the bachelor's degrees in: **Anthropology, Business Administration, Chemistry, French, German, General Music, Physics, Political Science, and Spanish**

The Director of the M.B.A. Program will consider additional degree programs.

Interested students should:

- Identify themselves as potential accelerated candidates early in their academic careers in order to receive appropriate advising. Although formal admission to an accelerated program usually occurs in the junior or senior year, careful selection of undergraduate courses in the freshman and sophomore years is essential. Interested students should talk with an advisor in the Bryan School Graduate Student Services Office, 220 Bryan Building, as early as possible.
- Complete the following courses with a 3.50 GPA or better: ACC 201; ISM 110, 280; ECO 201, 202, 250; MAT 120 or 191; and MGT 312.
- Take the GMAT.
- Seek admission to The Graduate School at the beginning of the senior year.
- Complete an internship during the junior or senior year.

Accelerated Masters Program for Undergraduates—B.A. or B.S. and Master of Arts in Economics (M.A.)

The Accelerated Master of Arts in Applied Economics provides the opportunity for a student to shorten the time required to finish the M.A. in Applied Economics by qualifying to take both undergraduate and graduate courses during the senior year.

Pre-established programs include: **B.A. in Anthropology, B.A./B.S. in Economics, and B.A. in Political Science**

The head of the Department of Economics can approve additional programs.

Interested students should:

- Identify themselves as potential accelerated candidates early in their academic careers in order to receive appropriate advising. Although formal admission to an accelerated program usually occurs in the junior or senior year, careful selection of undergraduate courses in the freshman and sophomore years is essential. Interested students should talk with the head of the Department of Economics as early as possible.
- Earn a minimum GPA of 3.30 in economics courses and a 3.0 overall GPA.
- Complete ECO 201, 202, 250, 301, 319, and 351; and MAT 120 or 191.
- Take the GRE.
- Receive provisional admission to the M.A. program in Applied Economics in order to take 600-level courses for graduate credit while enrolled as an undergraduate.

Accelerated Masters Program for Undergraduates —B.S. in Accounting and M.S. in Accounting

The accelerated program in Accounting provides the opportunity for a student to complete a B.S. in Accounting (122 s.h.) within a four-year period and to shorten the time required to finish the Master of Science degree.

Interested students should:

- Have Summer School credit or Advanced Placement credit in order to reduce the number of undergraduate hours necessary to be taken during the senior year. See courses in chapter 2 for which AP credit is available.
- Identify themselves as potential accelerated candidates early in their academic careers in order to receive appropriate advising. Although formal admission to an accelerated program usually occurs in the junior year, careful selection of undergraduate courses beginning in the freshman year is essential. Interested students should talk with an advisor in the Department of Accounting as early as possible.
- Earn a minimum GPA of 3.0 in accounting courses and 3.0 in the University.
- Take ACC 318 and 319 or 325 by the end of their junior year.
- Take the GMAT in the fall of the senior year.
- Seek admission to The Graduate School in the fall of the senior year.

REQUIREMENTS FOR COMBINED ACCELERATED B.S. IN ACCOUNTING/M.S. IN ACCOUNTING

A. GEC Component (36–37 semester hours)

See complete GEC requirements in chapter 5 and available AP credit in chapter 2.

Special GEC requirements for this program:	**S.H.**
Mathematics (GMT)—MAT 150 or 191	3
Reasoning and Discourse (GRD)	6
ENG 101 or FMS 103 or RCO 101, and ENG 102	
Social and Behavioral Sciences (GSB)—ECO 201, 202	6

B. Bryan School of Business & Economics Requirements (30 semester hours)

BUS 105; ECO 250, 300; FIN 315, ISM 110, 280, 360; MGT 309, 312, 331, 491; MKT 320; CST 105, and 9 s.h. of a foreign language (see Bryan School for details) 37

Total semester hours 37

C. Accounting Major Requirements (22 semester hours)

ACC 201, 202, 203, 318, 319, 325, 330, 420, 450 28

Total semester hours 28

D. Electives (25 semester hours)

Electives sufficient to complete 122 semester hours.

Total electives 10

Total undergraduate semester hours 122

E. Requirements for M.S. in Accounting (30 semester hours)

18–21 s.h. of accounting (6 s.h. of accounting may be taken at the 500 level but may be applied toward either the B.S. or M.S. degree) 18–21

9–12 s.h. of graduate electives 9–12

Total semester hours for M.S. in Accounting 30

Accelerated Masters Program for Undergraduates—B.A. in Biology and M.S. in Chemistry

The accelerated program in Biology provides the opportunity for a student to complete a B.A. in Biology (122 s.h.) within a four-year period and to shorten the time required to finish the Master of Science degree in Chemistry.

Interested students should:

- Have some Advanced Placement credit upon admission to UNCG in order to reduce the number of required undergraduate hours. See courses in chapter 2 for which AP credit is available.
- Identify themselves as potential accelerated candidates early in their academic careers in order to receive appropriate advising. Although formal admission to an accelerated program usually occurs in the junior year, careful selection of undergraduate courses beginning in the freshman year is essential. Students should talk with an advisor in the department of Biology as early as possible.
- Plan to take the GRE in the spring of the junior year.
- Seek admission to The Graduate School in the fall of the senior year.

REQUIREMENTS FOR COMBINED ACCELERATED B.A. IN BIOLOGY/M.S. IN CHEMISTRY

A. GEC Component (36–37 semester hours)

See complete GEC requirements in chapter 5 and available AP credit in chapter 2.

B. College of Arts & Sciences Additional Requirements (CAR)

See complete CAR requirements on pp. 89–91.

C. Biology Major (B.A.) Requirements (38 semester hours)

		S.H.
1.	BIO 111, 112	8
2.	Ecology: BIO 301	3
3.	Cell Biology: BIO 355	3
4.	Genetics: BIO 392	3
5.	Diversity: one of BIO 322, 341, 354, 370	3–4
6.	17–18 additional s.h. above the 100 level with no more than four s.h. at the 200 level	17–18
	Total semester hours	**38**

D. Related Requirements (11 semester hours)

1. General Chemistry: CHE 111, 112, 114, 115
2. Mathematics: MAT 191

Total semester hours 11

Total undergraduate requirements (maximum) 127

E. Chemistry Prerequisites (29 semester hours)

1.	General Physics: PHY 211 & 212	8
2.	Organic Chemistry: CHE 351, 352, 354	8
3.	Inorganic Chemistry: CHE 242, 442	5
4.	Analytical Chemistry: CHE 331, 333	4
5.	Physical Chemistry: CHE 406	4
	Total semester hours	**29**

Total undergraduate semester hours 127

F. Related Requirements for M.S. in Chemistry (30 semester hours)

Senior Year (6 s.h.)

CHE 501, 553 (fall) 3

CHE 502, 632 (spring) 3

Summer (3 s.h.)

Approved BIO or CHE elective 3

Graduate or 5th Year (19 s.h.)

CHE 641, 661, approved BIO or CHE elective (fall) 9

CHE 680, 699 (spring) 6–12

Total M.S. semester hours 30

Accelerated Masters Program for Undergraduates—B.S. in Chemistry and M.S. in Chemistry

The accelerated program in Chemistry provides the opportunity for a student with strong preparation in chemistry to complete a B.S. in Chemistry (122 s.h.) within a four-year period and to shorten the time required to finish the Master of Science degree in Chemistry.

Interested students should:

- Have some Advanced Placement credit upon admission to UNCG in order to reduce the number of required undergraduate hours. See courses in chapter 2 for which AP credit is available.
- Identify themselves as potential accelerated candidates early in their academic careers in order to receive appropriate advising. Although formal admission to an accelerated program usually occurs in the junior year, careful selection of undergraduate courses beginning in the freshman year is essential. Students should talk with an advisor in the department of Chemistry as early as possible.
- Plan to take the GRE in the spring of the junior year.
- Seek admission to The Graduate School in the fall of the senior year.

REQUIREMENTS FOR COMBINED ACCELERATED B.S. IN CHEMISTRY/M.S. IN CHEMISTRY

A. GEC Component (36–37 semester hours)

See complete GEC requirements in chapter 5 and available AP credit in chapter 2.

B. College of Arts & Sciences Additional Requirements (CAR)

See complete CAR requirements on pp. 89–91.

C. Chemistry Major (B.S.) Requirements (42 semester hours)

		S.H.
1.	CHE 111, 112, 114, CHE 115	
2.	CHE 242, 331, 333, 351, 352, 354, 372, 442, 461, 462, 463, 464	27
3.	CHE 401, 402	1
4.	CHE 531, 533, 581	6
	Total semester hours	**42**

D. Related Requirements (22 semester hours)

1.	MAT 191	9
	MAT 292, 293	
2.	PHY 291, 292	
3.	Science electives	6–8
	Total semester hours	**23–25**
Total undergraduate requirements (maximum)		**118**

E. Other Undergraduate Electives 4

Total undergraduate semester hours **122**

F. Related Requirements for M.S. in Chemistry (30 semester hours)

Senior Year (6 s.h.)
- CHE 553, 601 (fall) 3
- CHE 602, 632 (spring) 4

Summer (3 s.h.)
- approved BIO or CHE elective 3

Graduate or 5th Year (19 s.h.)
- CHE 641, 661, approved BIO or CHE elective 9
- CHE 680, 6996–12
- **Total M.S. semester hours** **30**

Accelerated Masters Program for Undergraduates—B.A. in Economics and Master of Public Affairs (M.P.A.)

The accelerated program in Economics and Public Affairs provides the opportunity for a student to complete a B.A. in Economics (122 s.h.) within a four-year period and to shorten the time required to finish the Master of Public Affairs degree.

Interested students should:

- Have Summer School credit or Advanced Placement credit in order to reduce the number of required hours necessary to be taken during the senior year. See courses in chapter 2 for which AP credit is available.
- Identify themselves as potential accelerated candidates early in their academic careers in order to receive appropriate advising. Although formal admission to an accelerated program usually occurs in the junior year, careful selection of undergraduate courses beginning in the freshman year is essential. Interested students should talk with an advisor in the department of Economics as early as possible.
- Take the GRE in the spring of the junior year.
- Seek admission to The Graduate School in the fall of the senior year.

Requirements for Combined Accelerated B.A. in Economics and Master of Public Affairs (M.P.A.)

A. GEC Component (36–37 semester hours)

See complete GEC requirements in chapter 5 and available AP credit in chapter 2.

Special GEC requirements for this program:

Mathematics (GMT)—MAT 150 or 121	3
Reasoning and Discourse (GRD)	6
ENG 101 or FMS 103 or RCO 101, and ENG 102	
Social and Behavioral Sciences (GSB)—ECO 201, 202	6

B. Economics Major Requirements (30–37 semester hours)

NOTE: a grade of C- in ECO 301 and a minimum GPA of 2.0 is required for admission to the Department of Economics.

1.	ECO 201 and 202, 250, 301, 327, 346	
2.	ECO electives	12–19
	Total semester hours 30–37	

C. Electives (46–53 semester hours)

1.	Recommended in PSC: PSC 210, 310	6
2.	Other recommended electives: ACC 201, 202,15 MGT 312, 320, 330	15
3.	Other electives	25–32
	Total semester hours 46–53	
Total undergraduate semester hours		**122**

D. Related Requirements for Master of Public Affairs—M.P.A. (43 semester hours)

Senior Year (14 s.h.)	
PSC 600, 602, 511C (fall)	7
PSC 601, 603, 603L, 511B (spring)	8
Summer following Senior year (6 s.h.)	
PSC 695, 696 (internship)	6
Graduate or 5th Year (19 s.h.)	
PSC 511J, 604, two PSC electives, Comps I (fall)	10
PSC 612, two PSC electives, Comps II (spring)	9
Summer following 5th year (3 s.h.)	
one 3-hour PSC elective	
Total M.P.A. semester hours	**43**

Accelerated Masters Program for Undergraduates—B.S. in Exercise and Sport Science: Sports Medicine Concentration and M.S. in Exercise and Sport Science: Athletic Training Concentration

The accelerated program in the Department of Exercise and Sport Science provides the opportunity for a student to complete the Bachelor of Science degree in the Sports Medicine Concentration and the Master of Science degree in Exercise and Sport Science: Athletic Training Concentration in a period of five years.

Interested students should:

- Qualify for advanced placement credits. See "Course Credit and Advanced Placement" in **Admissions** in this *Bulletin*.
- Plan to attend summer school as needed.
- Identify themselves as potential accelerated candidates early in their academic careers in order to receive appropriate advising. Although formal admission to an accelerated program usually occurs in the junior year, careful selection of undergraduate courses beginning in the freshman year is essential. Interested students should talk with an advisor in the ESS Department as early as possible.

REQUIREMENTS FOR COMBINED ACCELERATED B.S. IN EXERCISE & SPORT SCIENCE: SPORTS MEDICINE/ M.S. IN EXERCISE & SPORT SCIENCE: ATHLETIC TRAINING

A. GEC Component **38**

See complete GEC requirements in chapter 5.

Core Category	**S.H.**
Students may select courses for:	
Literature (GLT)	3
Fine Arts (GFA)	3
Philosophical, Religious, Ethical Principles (GPR)	3
One additional GLT, GFA, or GPR course	3
Historical Perspectives on Western Culture (GHP)	3
Reasoning & Discourse (GRD)	3
Department specifies courses for:	
Mathematics (GMT)—STA 108	3
Natural Sciences (GNS)—BIO 111 and CHE 111	8
Reasoning and Discourse (GRD)	3
ENG 101 or FMS 103 or RCO 101	
Social and Behavioral Sciences (GSB)	6
ESS 330 & PSY 121	

B. General Education Marker Requirements

It is possible to meet all GE Marker requirements while completing the GE Core requirements or courses required by the major/concentration.

Students may select courses for:

Global/Global Non-Western Perspectives (GL/GN)

four courses, at least one of which must carry the GN marker

One Writing Intensive (WI) Course

In addition to this WI Marker requirement, **students must also complete a second WI course within the major.**

One Speaking Intensive (SI) Course

C. ESS Major Core Requirements **23**

ESS 250, 330*, 351, 375, 376, 386, 388, and 6 activity courses** must be completed with a grade of C (2.0) or higher

**ESS 330 satisfies three (3) semester hours of GSB.*

***The six (6) activity courses must include ESS 120, 130, and at least one of the following aquatics courses: ESS 151, 202, 203, 252,* 254, 256.

D. Related Area Requirements **17**

BIO 111*, 271, 277; CHE 111 & 112*; CST 341; HEA 201; NTR 213; PSY 121*; STA 108*

**BIO 111, CHE 111 & 112, PSY 121 and STA 108 satisfy GEC requirements.*

E. Additional Concentration Requirements **15**

ESS 220, 353, 379, 390, 391, 441

F. Electives **9–25**

At least 9 s.h. of electives must be selected from the following: BIO 112; CHE 114 & 115, 205 & 206, 351, 352 & 354, 556, 557 & 558; PHY 211 or 211A, 212 or 212A; CSC 101; ESS 459, 468, 469, 543, 570, 576, 595; MAT 191; NTR 313, 531, 550, 560; PSY 250, 341

Total undergraduate semester hours **122**

G. Additional Requirements

Students in the Accelerated Program must follow and complete all additional requirements as described in the ESS Sports Medicine Concentration section of this *Bulletin*. Students must also:

- Be admitted to the Sports Medicine Concentration by the second semester of the junior year.
- Complete the Sports Medicine Concentration by the first semester of the senior year.
- Accumulate Advanced Placement and/or summer school credit.
- Earn a minimum GPA of 3.0 in ESS courses and 3.0 overall.
- Take ESS 375, 376, 353, 390, 391, and 441 by the end of their junior year.
- Take the GRE in the fall or early spring of the junior year.
- Be admitted to The Graduate School in the first semester of the senior year.
- Take 6 s.h. of graduate credit the first semester of the senior year.

H. ESS Master of Science Program Core Requirements

One course from each of the following areas:
Sociocultural 3
Behavioral 3
Biophysical (ESS 638 required) 3

I. Research Techniques **3**

ESS 611 3

J. Athletic Training Requirements **28**

ESS 636, 637, 640, 641, 720 19
Nine (9) semester hours as approved by the advisor 9

K. Integrative Experience

ESS 697 6

Total graduate semester hours **46**

Accelerated B.S. in Mathematics (Statistics Concentration) and M.A. in Mathematics (Applied Statistics Concentration)

Students enrolled in this program can earn both the undergraduate B.S. degree in mathematics with concentration in statistics and the M.A. degree in mathematics with concentration in applied statistics in approximately five years with careful planning of courses. Students must complete all required courses for both degrees. Ideally, these students should have earned some college credits through AP work during high school.

Students interested in this option must apply and be accepted during their junior year, and must have completed STA 290/291/551 and all of the MAT and CSC requirements for the undergraduate degree (except MAT 490) with a cumulative average of 3.0 or better. They should take STA 551/552 during their junior year and should take at least two other 500-level STA or other permissible graduate courses during their senior year. These students will normally be taking six (6) graduate courses during the fifth year and will also be working on their project/thesis.

To earn the M.A. degree in mathematics with concentration in applied statistics, students in the accelerated program must earn at least 30 credits of 500-level or higher course work beyond those satisfying requirements for the undergraduate degree. Specific requirements are as follows:

- Must have successfully completed STA 551/ 552 as part of the undergraduate degree.
- Must successfully complete STA 581, STA 661, STA 662, STA 668, STA 690, STA 698 or STA 699, and at least two courses from STA 670, 671, 673, 674, 675, 676, 677 and 711.
- Must take additional credits, if needed, from STA courses at 500 level or above (except STA 571), or from approved graduate courses from other programs. The number of non-STA credits to be used toward the degree is limited to six (6).

Accelerated Masters Program for Undergraduates—B.A. in Political Science and Master of Public Affairs (M.P.A.)

The accelerated program in Political Science and Public Affairs provides the opportunity for a student to complete a B.A. in Political Science (122 s.h.) within a four-year period and to shorten the time required to finish the Master of Public Affairs degree.

Interested students should:

- Have some Advanced Placement credit upon admission to UNCG in order to reduce the number of required undergraduate hours. See courses in chapter 2 for which AP credit is available.
- Identify themselves as potential accelerated candidates early in their academic careers in order to receive appropriate advising. Although formal admission to an accelerated program usually occurs in the junior year, careful selection of undergraduate courses beginning in the freshman year is essential. Interested students should talk with an advisor in the department of Political Science as early as possible.
- Plan to take the GRE in the spring of the junior year.
- Seek admission to The Graduate School in the fall of the senior year; students will not be allowed to enroll for spring M.P.A. courses (see F below) unless admitted to the M.P.A. program.

REQUIREMENTS FOR COMBINED ACCELERATED B.A. IN POLITICAL SCIENCE AND MASTER OF PUBLIC AFFAIRS (M.P.A.)

A. GEC Component (36–37 semester hours)

See complete GEC requirements in chapter 5 and available AP credit in chapter 2.

B. College of Arts & Sciences Additional Requirements (CAR)

See complete CAR requirements on pp. 89–91.

C. Political Science Major Requirements (30 semester hours)

1.	American Politics & Policy: PSC 100, 210	6
2.	International & Comparative: PSC 260, 240	6
3.	Research Methods: PSC 301	3
4.	Electives: 300 level and above	15
	Total semester hours	**30**

D. Recommended Electives (15 semester hours)

1.	CST 341	3
2.	ECO 201, 202, 260	9
3.	SOC 101	3
	Total semester hours	**15**

Total undergraduate requirements	**94**
E. Other Undergraduate Electives	**28**
Total undergraduate semester hours	**122**

F. Related Requirements for Master of Public Affairs—M.P.A. (43 semester hours)

Senior Year (15 s.h.)

PSC 600, 602, 511C (fall)	7
PSC 601, 603, 603L, 511B (spring)	8

Summer following Senior Year (6 s.h.)

PSC 695, 696 Internship	6

Graduate or 5th Year (19 s.h.)

PSC 511J, 604, two electives, Comps I (fall)	10
PSC 612, two electives, Comps II (spring)	9

Summer (3 s.h.)

One PSC elective	3
Total M.P.A. semester hours	**43**

8. The University Community

Policies Related to Academic Integrity and Student Conduct

Policies for Students can be found on the Dean of Students Web site at http://deanofstudents.uncg.edu. Some of the policies are required to be published and available to students. Those policies are the *University Alcohol Policy, Disruptive Behavior in the Classroom Policy, Sexual Assault Policy, Substance Abuse: Programs and Assistance*, and the *University Drug Policy*. The Web site also contains other important information including the *Student Code of Conduct, Academic Integrity Policy, Sexual Harassment Policy and Procedures, Policy on Undue Favoritism, Student Access to Educational Records, Student Crisis Management Policy*, and many more.

General policies related to student conduct on campus are found in the UNCG Student Calendar/Handbook and on the Dean of Students Web site at:

http://deanofstudents.uncg.edu

Further information on these policies may be obtained from the Dean of Students Office, 336/334-5514.

The Academic Integrity Policy

Responsibility for academic integrity lies with individual students and faculty members of the UNCG community. A violation of academic integrity is an act harmful to all other students, faculty and, ultimately, the entire community. Specific information on the *Academic Integrity Policy* and obligations of faculty and students may be found online at:

http://academicintegrity.uncg.edu

The Dean of Students can be reached at 336/334-5514.

Alcoholic Beverage Policies

North Carolina law prohibits the consumption, purchase, or possession of alcoholic beverages by people under the age of 21, effective October 1, 1986. The University operates under this provision of the law.

Individual consumption of beer, unfortified wines, and/or spirituous liquors is permitted for those of legal age in student residence hall rooms and in selected public areas of the University in accordance with the *Alcohol Policy for Students* contained on the UNCG Dean of Students Web site at: http://deanofstudents.uncg.edu.

University Policy Concerning Abuse of Alcohol/Illegal Drugs

In accordance with the Federal Drug-Free Schools and Communities Act Amendments of 1989, which require that all students receive annual notice of the laws/policies regarding alcohol and drug abuse, the following information is provided:

Illegal or abusive use of drugs or alcohol by any member of the University community can adversely affect the educational environment and will not be accepted. Abuse of these substances can result in numerous physical and psychological health problems. Substance abuse is a factor in organ damage, increased risk of personal injury, impaired judgment, a factor in sexually transmitted diseases, and more.

Policies on alcohol and drugs can be found on the Dean of Students Web site at:

http://deanofstudents.uncg.edu

Services for students experiencing problems with alcohol and other drugs are available through Student Health Services. They include the medical clinic (336/334-5340) and counseling (336/334-5874). Educational programs are also provided through the Wellness Center (336/334-3190).

Possession/Use of Narcotics and Other Dangerous Drugs

The use, possession, sale, or distribution of products such as marijuana, LSD, barbiturates, or amphetamines is strictly prohibited. UNCG is prepared to take conduct action up to and including dismissal of students involved in such practices. Furthermore, because violation of federal and state laws is involved, UNCG has an obligation to report any information concerning such practices to proper authorities. Please refer to the University's *Policy on Illegal Drugs* in Appendix B.

Firearms or Other Weapons on University Property

North Carolina law declares it unlawful for anyone to possess or carry (whether openly or concealed) any gun, rifle, or other weapon on property owned, used, or operated by a public or private educational institution. See also UNCG's Dean of Students Web site at:

http://deanofstudents.uncg.edu

Policy Relating to Disruptive Behavior in the Classroom

The complete statement of the University's policy regarding *Disruptive Behavior in the Classroom* is available at UNCG's Dean of Students Web site at:

http://deanofstudents.uncg.edu

This policy was adopted by the UNCG Faculty Council on April 9, 1991.

The UNCG Student Calendar/Handbook

The *UNCG Student Calendar/Handbook* is printed annually and is available at the beginning of each academic year. It contains information about UNCG programs, services, event information, as well as the *Student Code of Conduct* and *Academic Integrity Policy*. Residential students receive their copy at check-in. Graduate students receive a copy through their department. Commuter students may pick up their copy at the Student Life Booth at Fall Kick Off, the Commuter Student Deli, or the Elliott University Center Information Desk.

Housing

All UNCG students have the option of living on or off campus. Approximately 4,200 students live in 24 residence halls on campus.

Students may request residence halls or roommates by name, and whenever possible, such requests will be honored.

Each residence hall is staffed with either a full-time professional Coordinator of Residential Learning, a Residential College Coordinator, or a Resident Director/Head Resident who is a graduate student or senior. These staff supervise undergraduate Community Advisors, who also live in the building. In addition, each hall forms a hall council made up of elected student representatives. These staff and student representatives work together to build an academically and socially supportive community in each hall.

All residence hall rooms are furnished with beds, dressers, and desks. All have community bathrooms either by floor, wing, or within a suite or apartment-style arrangement. All residence halls are equipped with one or more lounges, recreation rooms, study rooms, laundry rooms, and kitchens. All rooms are set up for local telephone service, with one phone jack per room, and each student has an individual voice mail account. Long distance service is available by using a personal calling card or personal cell phone. All residence hall rooms are wired for direct ethernet connection to the internet, with one port per student. All residence hall rooms have a cable TV connection and Time Warner Cable Service with 78 channels, including HBO.

To request a space, students must apply on the UNCG Housing & Residence Life Web site at http://hrl.uncg.edu. Descriptions of the halls and directions for applying for housing are available beginning January 15 for fall semester and October 15 for spring semester. See chapter 3 for current housing costs. For a complete listing of suggestions for what to bring to campus, see the Housing and Residence Life Web site.

Housing Options

The Office of Housing and Residence Life offers a wide array of services and experiences for our students. For the most current information about living on campus at UNCG, please refer to http://hrl.uncg.edu. Check-in and check-out times and procedures, room assignments, returning student application process, summer housing, special interest programs, and policies and procedures documentation are available online. You may also e-mail Housing and Residence Life at hrl@uncg.edu.

Housing for New Students

UNCG houses new students primarily by class level. First-year students are assigned to the following halls: Cone, Ragsdale-Mendenhall, Grogan (Home of Grogan College), Weil-Winfield, Moore-Strong (LEAD Program), and Reynolds (Home of the First-Year Experience Program). All freshman halls are air conditioned.

New transfer, graduate, and continuing students are assigned to Cotten, Guilford, Hinshaw, North Spencer, Phillips-Hawkins, Shaw, and Tower Village.

UNCG also offers a number of special housing options, which include Strong College in South Spencer Hall, Residential College in Mary Foust Hall, Grogan College in Grogan Hall, the International House in Hawkins Hall, the MADhouse in the Moore-Strong Suites, Panhellenic Sorority housing in Coit and Jamison Hall, IFC Fraternity housing in Bailey Hall, and a traditional-visitation 20-hour quiet hall for women in Gray.

Off Campus Housing

The Information Desk in Elliott University Center maintains a self-help facility that makes available listings of off-campus accommodations sent to EUC by private landlords. Persons can use the off-campus housing resource center in EUC during normal operating hours.

University Dining Services

UNCG Dining Services offers students dining options with an emphasis on quality and variety.

The Caf, an all-you-care-to-eat location found in the upper level of the Main Dining Hall, features traditional, home-style meals; Nature's Healthy Corner, offering made-to-order vegan and vegetarian entrees; fresh cooked pastas and sauce; hand-tossed pizza; and a grill with hamburgers, fries, and more. The Caf also offers soups, a deli, a salad bar, a dessert bar, and soft-serve yogurt.

Spencer's, a retail location in the upper level of the Main Dining Hall, offers full service lunch and dinner, featuring PanGeos® pizza and pasta; Home Zone with home-style entrees and vegetables; Grille Works™ with gourmet burgers and sandwiches; Salad Garden with a full salad bar; Kettle Classics with homemade soups, breads and desserts; and Tortilla Express.

The Atrium Food Court, located in the lower level of the Main Dining Hall, features Chick-Fil-A® Express, The Spartan Grille, Greensborough Deli, Java City™ coffee offering an array of coffees and freshly made smoothies, and the C-Store.

The Elliott University Center Food Court, located across from the UNCG Bookstore, features JUMP® Asian Express Cuisine™ (Asian and sushi), Burger King™ Express, Chick-Fil-A® Express, Pizza Hut Express, Cranberry Farms, the Salad Garden™, Kettle Classics, Quiznos® Sub, and plenty of grab-and-go items. The Marketplace, the campus grocery store, offers fresh produce, convenience items, and a special section offering organic, vegetarian, vegan, and fat-free products. Charlie's Fine Coffees and More, located adjacent the UNCG Bookstore, features Java City™ coffee and is a great place for students to study or meet friends.

The Bryan Food Court, located in the Bryan School of Business and Economics, offers My Deli @ Bryan, a variety of grab-and-go salads and sandwiches, Campbell's Soups, Starbucks Coffee®, Sushi with Gusto, convenience items, and health and beauty aids.

The Pit Stop, located in the Mclver Parking Deck, offers Java City™ coffee, convenience items and more.

1540 Spring Garden Street C-Store, located in Spring Garden Apartments, offers a wide variety of health and beauty products, grocery items, and grab-and-go items.

Meal Plans

All students who live in the University residence halls are required to purchase a meal plan. Please visit http://uncg.campusdish.com for the latest information on residential meal plans. Commuter students also have the option of purchasing meal plans to suit their needs. Commuters can sign up online for a Commuter Meal Plan through the UNCG FirstCard Center Web site at http://first-card.uncg.edu.

Unused declining balance transfer from the fall to the spring semester. At the end of the spring semester, any remaining meals or unused declining balance are nonrefundable and cannot be transferred to the next academic year. Select your meal plan according to your expected spending habits.

Additional funds can also be stored on your UNCG FirstCard Plus in the form of E-Cash. E-Cash can be placed on your UNCG FirstCard Plus at the UNCG FirstCard Center in room 121 Elliott University Center, or at Cash-to-Chip machines across campus.

Changes in meal plans are allowed until the last day of Drop/Add each semester. No changes will be made after that date. No dining plan refunds are made except for "official withdrawal" from the University. ("Official withdrawals" are detailed in Residence Life Housing Contracts.) Dining plan refunds are prorated.

Parking Operations & Campus Access Management

All student-legislated and administrative campus regulations are published in the UNCG Student Handbook which is distributed to all students each year. Students are responsible for knowing and abiding by those regulations established for the UNCG community. Some of these are reviewed below.

Parking Regulations

Parking regulations are in effect 24 hours a day, 7 days a week, including breaks and holidays.

Vehicles found in violation of UNCG parking rules will be issued a violation notice with a penalty of from $15.00 to $400.00 depending on the violation. Outstanding violations will be charged against the student's account in the Cashiers and Student Accounts Office. Vehicles deemed to be committing a serious enough violation or accumulating several violations may be booted and/or towed from campus at the owner's or operator's expense.

Students may keep motor vehicles on campus provided the vehicles are properly registered with Parking Operations and display a valid UNCG parking permit. To obtain current parking permit fee information, go online at:

http://parking.uncg.edu or call 336/334-5681.

UNCG Police

The University of North Carolina at Greensboro Police Department's goal is to support the mission of UNCG by working to create a safe and secure environment. The men and women who comprise the UNCG Police Department are fully trained law enforcement professionals.

The UNCG Police Department became operational as its own police agency in 1988. Since that time it has grown to its present authorized strength of 34 sworn police officers and 21 non-sworn employees.

The Department is organized into three divisions: Administrative, Field Operations, and Special Services. The UNCG Police Department is located at the following locations: Tate and Spring Garden Street—Main Police Station, and the rear of North Spencer Hall on North Drive—Police substation.

Although similar in appearance to other law enforcement organizations, its main emphasis is one of anticipation and prevention rather than mere reaction to criminal incidents and events that are hazardous to public safety. The UNCG Police Department has enacted numerous safety programs that are available to the students, faculty, and staff at no cost to them.

Services for Students

Adult Students, Office for (OAS) (210 Elliott University Center)

The Office for Adult Students (OAS) in the Division of Student Affairs facilitates activities and services to enhance the adult student's University experience.

This office is open Mondays, Thursdays, and Fridays from 8 A.M. to 5 P.M., and Tuesdays and Wednesdays until 6:30 P.M. or by special appointment.

Adult students are encouraged to check the office's Web site at www.uncg.edu/oas to keep up with current information of special interest to this population. Additionally, this Web site keeps a comprehensive listing of opportunities for campus involvement for adult students.

Campus Ministries (Associated Campus Ministries Center, Stirling Street)

Seven religious organizations are part of United Campus Ministries: Baptist Student Union, Hillel, St. Mary's (Episcopal), Catholic Student Fellowship, Wesley-Luther (United Methodist and Lutheran), and InterVarsity Christian Fellowship (non-denominational). Each of these organizations sponsors a schedule of activities open to the entire University community. Campus ministers serve as advisors for their respective organizations and are also available for personal counseling or as resource persons for other groups or organizations.

Career Services Center (1 Elliott University Center)

The mission of the Career Services Center is to provide guidance and resources to undergraduate and graduate students and alumni for their lifelong career development. The Career Services Center staff members strive to provide the very best services and strongly subscribe to a "student-centered" philosophy. Services are provided in four major areas:

1. Career planning
2. Internships
3. Student employment
4. Employment assistance/continuing education planning

Staff members are available to assist students and alumni with their career plans through individual appointments. A number of tools are available to help students assess individ-

ual interests, values, skills, and work setting preferences. A computerized guidance system (Discover) is available to students and alumni who want to examine major/career options or gather information on various occupations. The Center maintains a Resource Library that houses information on careers and the job search. The Career Services Web site provides listings of internships, part-time and full-time jobs, as well as a multitude of career-related resources.

The Career Services Center aids students in locating credit or non-credit, paid or unpaid internship opportunities within the local Triad area as well as in other locations worldwide. The Student Employment Office assists students in finding part-time and summer employment.

Full-time job search assistance is provided through a number of programs and services. Individual appointments may be scheduled with staff to discuss career and job search strategies and graduate school preparation. To aid students in making employer contacts, a number of special events are sponsored, including the annual Career Day, Education Career Day, Summer Job Fair, Part-time Job Fair, Nursing Career Day, Spring Career Expo, and Consortium Nonprofit Job Fair. A networking event, etiquette dinner, and alumni and employer panels help enhance students' career preparation. Seniors, graduate students, and alumni are encouraged to set up an account with the Career Services Center so that they may utilize the following services: the On-Campus Interview Sign-Up Program and the Computerized Resumé Referral Service. Students interested in internships may set up an account to enable electronic internship notification.

Please contact the Career Services Center for further information and individual appointments at 336/334-5454.

Cashiers and Student Accounts Office (151 Mossman)

The Cashiers and Student Accounts Office is open from 8:00 A.M. to 5:00 P.M., Monday through Friday, and is located in 151 Mossman Building (336/334-5831). The Office is comprised of four functional areas: Cashiers, Student Accounts Receivable, Student Loans, and CASAO Accounting. Students may cash personal checks up to $50 for a $.50 fee with a current student ID card. All tuition and fee payments and the processing of financial aid check refunds are handled in the Cashiers and Student Accounts Office.

Disability Services, Office of (215 Elliott University Center)

The Office of Disability Services advises and assists in securing academic support services requested by qualified disabled students. Specific services are provided on an individual basis and aimed toward enabling students with disabilities to compete on an equal basis in the classroom with their peers. Students must register with the office and provide any necessary documentation prior to receiving services. For further information, call 336/334-5440 (voice & TDD) or you can review services at www.uncg.edu/ods.

Financial Aid Office (723 Kenilworth Street)

Through its Financial Aid Office, UNCG administers an extensive financial aid program which provides assistance to approximately half the University's enrolled undergraduates. Available aid includes scholarships, grants, loans, and work.

The Financial Aid Office assists students with all phases of financial aid application, processing, and awarding.

For information on programs, services, and application procedures, contact the Financial Aid Office at 336/334-5702 or by visiting our Web site at http://fia.uncg.edu.

IDs (see UNCG FirstCard ID Center)

Information Technology Services (ITS) (46 McNutt)

The Division of Information Technology Services provides central technology support services to faculty, staff, and students at UNCG. Client Services, a unit of ITS, provides services including workshops, software support, consultation, and documentation. Research support includes assistance with data analysis packages such as SAS and SPSS. The ITS Service Desk operated by Systems and Networks provides assistance in the resolution of technology issues via 6-TECH by phone (256-TECH) and e-mail (6-TECH@uncg.edu).

Every registered student may activate an e-Spartan e-mail account, a Blackboard learning system account, a UNIX account for hosting a personal Web page, and a Novell Netware account for using software located on UNCG's network in the computer labs.

ITS supports 15 open-access computer labs located throughout campus, containing more than 500 computers. Both Windows and Macintosh computers are available. Students receive a printing allocation for each semester they are registered, and may purchase additional printing allocations as needed. ITS also provides support for laptops purchased through the Student Laptop Initiative (SLI). Details regarding this program are available at:

http://its.uncg.edu/Laptop

To find out more about computing support, research support, and ITS computer labs, please visit the Information Technology Services Web page at http://its.uncg.edu.

Student Consulting: The SuperLab in Jackson Library

Phone: ITS Service Desk—336/256-TECH (256-8324)

Hours: Whenever the Library is open (The SuperLab closes 15 minutes before the Library)

The International House/Phillips-Hawkins Residence Hall

The International House/Phillips-Hawkins Hall is a residential community on the UNCG campus open to all students who have an interest in living with and learning about people from other parts of the world. In addition to international students studying at UNCG, the International House should be of particular interest to American students who have participated or wish to participate in study abroad or for students who wish to improve their foreign language skills. Operated in close collaboration with The International Programs Center, the INTERLINK Language Center, the Lloyd International Honors College and the International Students Association, and with the guidance of an advisory board of Faculty Fellows, the House offers a rich program of language learning, cultural orientation, and social activities with an international flavor.

For more information, contact The International Programs Center, 336/334-5404.

International Programs Center (127 McIver Street)

The International Programs Center provides leadership and coordination of the University's international education efforts. The Center administers student and faculty exchange programs between UNCG and partner universities abroad; assists students and scholars who seek funding for international activities; and provides support services and programming to UNCG's growing international student population. The Center also coordinates The University of North Carolina Exchange Program (UNC-EP) on behalf of the UNC System (336/334-5404).

Study Abroad

The Center promotes and conducts UNCG's various **Study Abroad** programs (see p. 332) and provides counsel to students seeking to spend part of their educational program overseas. Students are encouraged to make use of Center resources as they plan their international experiences (336/334-5404).

International Student Services

The International Services Director and staff assist international students in making the experience of international education a rewarding one. Staff members provide information about visas and U.S. Customs and Immigration Services (USCIS) regulations, and University/community resources. The Center also coordinates and supports UNCG's INTERLINK Program, which provides high-quality English language training for students needing language preparation before beginning their university studies (336/334-5404).

INTERLINK Language Center (Foust Basement)

The INTERLINK Language Center offers intensive English instruction, cultural orientation, and academic preparation for international students, scholars, and professionals on a year-round basis. Its five level curriculum, with 20–23 hours per week of instruction, prepares students for success in academic and professional situations. Students can use completion of INTERLINK in place of TOEFL for admission to UNCG.

INTERLINK students have access to all University facilities, including computers, recreation center, library, health center, and language/multi-media labs. Students in the higher levels of INTERLINK may audit or take UNCG courses for credit.

INTERLINK can be reached at 336/334-4700, fax 336/334-4701, or by e-mail at interlink@uncg.edu.

Learning Assistance Center (see Student Success Center)

Office of Multicultural Affairs and the Multicultural Resource Center

The mission of the Office of Multicultural Affairs and the Multicultural Resource Center is to promote cultural awareness and appreciation of cultural diversity and to foster intercultural and cross-cultural understanding. To increase awareness of and respect for the differences inherent in the diverse UNCG community, the Office plans events throughout the year highlighting African American, African, Asian, Hispanic, and Native American cultures; the legacy of Dr. Martin Luther King Jr.; and topics related to social justice, human rights, spirituality, LGBTQ, and women.

To promote the celebration, understanding, and exploration of our multicultural world, the Multicultural Resource Center provides a cultural library featuring books, videos, DVDs, and magazines as well as a collection of activities designed to help highlight diversity education.

In addition to the presentation of special programs and educational offerings throughout the academic year, the Office also strives to build positive advocacy and collaborative relationships with students presenting the African, African American, Hispanic and Latino/Latina, Asian and Asian American, Native American, LGBTQ, and other multicultural communities on campus.

The Office also strives to build ally relationships with the general student body and partnerships with UNCG departments and community organizations.

For information on how to get involved with multicultural affairs at UNCG, check out the Web site at http://maf.dept.uncg.edu, call 336/334-5090, or visit the Office. The Office (located in 217 EUC) is open Monday through Friday 8:00 A.M. to 5:00 P.M. Students, faculty, and staff are encouraged to visit the Multicultural Resource Center (located in 62 EUC) Monday through Thursday between 9:00 A.M. and 10:00 P.M. and Fridays between 9:00 A.M. and 5:00 P.M.

Office of Orientation and Family Programs (245 Elliott University Center)

The Office of Orientation and Family Programs coordinates a variety of programs which bring together faculty, administrators, and upperclass student leaders to welcome new students to the campus and to assist with the transition process into the UNCG community. Programs have been designed to meet the needs of freshmen, transfer, and adult students, as well as parents and family members. Orientation activities include academic advising and registration for classes, tours of campus, information sessions, small-group activities, and campus resource fairs. Foreign Language placement exams are also given at this time.

Students entering UNCG in the fall semester are required to participate in Spartan Orientation, Advising, and Registration (SOAR), which occurs in June, along with Rawkin' Welcome Week prior to the beginning of fall classes in August. Likewise, orientation programs are planned for students entering UNCG in January, prior to the beginning of spring semester classes. Go to www.uncg.edu/ori for more information.

Parking Operations Office (Walker Avenue Parking Deck)

University Parking Permits may be obtained online at http://parking.uncg.edu or from the Parking Operations Office. Parking permits are valid for the academic year. Permits purchased later in the year are prorated. Please call 336/334-5681 for current permit fee information.

Spartan Mail (Campus Mail Office) (Dining Hall Atrium)

The Spartan Mail Center, located in the Atrium of the Dining Hall, is responsible for the distribution and collection of campus mail. Spartan Mail handles all types of United States Postal Service mail, including Express, Certified, and Insured,

as well as UPS services. Stamps are available from vending machines outside the Spartan Mail Center and in Elliott University Center. Drop boxes are located in the Atrium.

The postal service window is open 8:30 A.M.–4 P.M. weekdays and student boxes can be accessed any time the Dining Hall is open. For further information, go to:

http://spartanmail.uncg.edu.

Campus mailboxes, located in the Atrium, are for residential students only. Mailboxes are also available for residents of Spring Garden Apartments. All residential students receive a UNCG Station box number and combination during Orientation, if they have been assigned to on-campus housing. Students typically retain their campus mail boxes as long as they live on campus. Those that leave the residence halls for any reason other than to participate in a study abroad program should submit a change of address to the Spartan Mail Center. If studying abroad, so indicate on the change of address so mail will be forwarded beyond the 60 days.

Special Support Services (see Student Success Center)

Speech and Hearing Center (300 Ferguson)

Students with speech, language, voice, or hearing problems may receive evaluation and therapy from the Speech and Hearing Center operated by the Communication Sciences and Disorders Department. Students who speak English as a second language may receive assistance in foreign accent modification and may register for CSD 219-01. In addition, students who want services for a speech or language problem may register for CSD 219-02; those who want services for their voice may register for CSD 219-03.

Student Academic Services (159 Mossman)

Student Academic Services provides academic advising, first-year initiatives, and success programming for undergraduates. Major functions of Student Academic Services include: academic advising, faculty advisor training and support, coordination of the University Studies program (UNS 101 and 102), coordination of the Strategies for Academic Success Program (SAS 100), coordination of the Peer Academic Leaders Program, Virtual Advising, advising at-risk students, reviewing appeals for exceptions to university degree requirements and academic policies, and research and evaluation of undergraduate success initiatives.

Student Affairs Office (149 Mossman)

The Office of Student Affairs provides coordination and oversight for a number of departments concerned with the quality of student life at UNCG. Departments include Adult Students, Campus Recreation, Career Services, Counseling and Testing Center, Disability Services, Elliott University Center, Housing and Residence Life, Leadership and Service Learning, Multicultural Affairs, Orientation, Student Employment, Student Life, and Student Health Services. Student Advocacy Services and Student Conduct are found in the Office of Student Affairs. The work of Student Affairs emerges from student ideas, interests, and concerns.

Student Health Services (Gove Student Health Center)

Web site: http://studenthealth.uncg.edu

Medical Services

Located in the newly renovated and expanded Gove Health Center on Gray Drive, Student Health Services provides a full range of medical services including primary health care, gynecological exams, laboratory services, X-ray, immunizations, a sports medicine/performing arts clinic, a full-service pharmacy, over the counter medicines including emergency contraception, STD and HIV screening, and allergy injections. For more information, call 334-5334.

Health Insurance

UNCG students in degree programs who are taking 6 or more credit hours must be able to demonstrate proof of health insurance to avoid a required health insurance fee on their account. Students covered by their own or their family's plan must verify the policy through a secure online system by providing a current, valid health insurance policy number. Students who do not provide a verified insurance policy number will be billed each semester by UNCG for the cost of the student health insurance policy. For more information, visit http://studenthealth.uncg.edu/insurance.

The Wellness Center

The Wellness Center, on the bottom level of the Gove Health Center, provides programs and resources to increase student awareness of wellness issues. These programs are intended to improve participants' ability to make healthy choices. Program topic areas include alcohol/drugs, body image, eating disorders, sexual assault/rape, stress management, sexually transmitted diseases, HIV/AIDS, safer sex, contraception, women's health, men's health, sexuality, nontraditional students' health issues, nutrition, date rape drugs, and general wellness. Massage therapy, smoking cessation, and nutrition counseling are provided by The Wellness Center as are peer education classes and the University's annual Safe Zone training. For more information, call 334-3190.

Counseling and Testing Center

The Counseling and Testing Center, located on the second floor of the Gove Health Center, provides individualized psychological assessments to all students. Each student is given a treatment recommendation, which may include individual and/or group therapy, self-help workshops for coping with stress or depression, referral to the Student Health Services staff psychiatrist for an evaluation for medication, or referral to a specialist. The Counseling and Testing Center also administers a variety of standardized tests. For more information, call 334-5874.

Student Success Center

The Student Success Center currently houses three different but related academic support service units complementing the efforts of the teaching faculty through personalized and structured approaches to learning which include tutoring, academic counseling, computer instruction, skills development, and workshops.

Learning Assistance Center (159 Reynolds Hall)

The Learning Assistance Center (LAC) provides services to help undergraduates improve their academic performance and achieve their educational goals. Free services for all undergraduate students include: peer tutoring in most 100- and 200-level courses, along with a select few 300- and 400-level courses, skills assessment, workshops, learning skills instruction, and learning skills handouts. For further information about the support services available through the LAC, call 336/334-3878, or visit the Web site at http://success.uncg.edu/lac.

Special Support Services (02 Ragsdale Hall, Lower Level)

Special Support Services (SSS) is a comprehensive educational support program sponsored by the U.S. Department of Education and UNCG. The program provides the following free services to first generation undergraduate students in a supportive and caring atmosphere that enables them to achieve high levels of academic success at UNCG: academic, career, and personal counseling; peer mentoring; graduate school guidance; peer and professional tutoring in most courses (all levels); learning skills assessment and resources; individualized instruction in study skills, writing, and computer literacy; and workshops.

Students may enroll at any point during their college careers and have continuing access to the program services until graduation. For more information about SSS, call 336/334-7533, or visit our Web site at http://success.uncg.edu/sss.

Supplemental Instruction Program (SIP) (326 McIver)

Supplemental Instruction (SIP) is an academic support program that targets historically difficult courses. SIP is a non-remedial approach to learning enrichment that increases student performance and retention. Students enrolled in SIP identified courses attend regularly scheduled, out-of-class review/discussion sessions. These review sessions are informal seminars in which students review notes, discuss readings, develop organizational tools, and prepare for examinations. Students learn how to integrate course content with reasoning and study skills. Additionally, SIP offers targeted review sessions to help students prepare more fully for major tests.

For more information about SIP, call 336/334-3562 or visit our Web site at http://success.uncg.edu/sip

UNCG FirstCard ID Center (121 EUC)

The UNCG FirstCard is the official student identification card for all students, faculty, and staff, and is required at many campus facilities and services (Library, Student Health Center, Campus Recreation Center, The Teaching and Learning Center, and others). New undergraduates have their cards processed during their Orientation programs. IDs for continuing students are automatically validated each semester they register for classes and are valid for services once classes begin.

The UNCG FirstCard offers E-Cash as a feature. Students may apply money to the E-Cash feature using cash, check, VISA, or MasterCard at the FirstCard Center, or they may use cash at Cash-to-Chip machines around campus. E-Cash can then be used at all campus dining locations, UNCG Bookstore, Campus Recreation Center, Student Health Center, Parking Services, Jackson Library, laundry, and Pepsi machines (residence halls).

Lost, stolen, or damaged IDs will be replaced upon presentation of a $15 replacement fee.

The UNCG FirstCard Center is located in Room 121, Elliott University Center. Hours of operations are M–F, 8 A.M.–5 P.M.

More information can be found at:

http://firstcard.uncg.edu or by calling 336/334-5651.

University Libraries

The University Libraries are the leading public research library in the Piedmont Triad of North Carolina. Located centrally on College Avenue, Walter Clinton Jackson Library towers over other campus buildings. The Music Library is located in the Music Building on the corner of West Market and McIver Streets.

The Libraries now own more than 3.27 million items including 1.09 million bound volumes, 740,000 federal and state documents and 1.05 million items in microtext. It subscribes to approximately 4,100 printed newspapers, periodicals, and other serials, more than 33,000 electronic journals in full text, and more than 311,000 electronic books. Access to more than 290 online databases and the Internet vastly expands the information resources available to students and faculty. Most of the electronic resources are also available off campus via the Internet with a valid UNCG ID. Journal Finder, a software system developed by the Libraries, allows easy, convenient access to journal articles in Jackson Library's print and electronic collections and the ability to order other articles from document delivery suppliers or interlibrary loan, all from one desktop interface. The Libraries' Web site—http://library.uncg.edu—is an excellent starting point for learning about all library services and resources.

The Libraries are open over 100 hours a week and staff are available for assistance whenever the buildings are open.

The Libraries have reading rooms, carrels, and study areas in the stack sections, and faculty studies. Two special facilities are worth noting in Jackson Library: The CITI (Center for Information Technology and Instruction), a computer lab frequently used for instruction; and Computing and Information Systems's SuperLab, an open computer lab with 140 computers (Windows and Macintosh) available for use by UNCG students, faculty, and staff. Both labs are located on the first floor in the tower area.

Special collections include the Woman's Collection; the world's largest collection of cello music materials; and the Randall Jarrell, Lois Lenski, and George Herbert collections. Subjects of particular interest include collections dealing with the history of physical education and dance; American detective fiction by and about women; book arts; juvenile literature; and girls' books in series. The special collections division has a notable collection of rare books in several fields, including author collections of the important editions of the works of Emily Dickinson, T.E. Lawrence, and Charles Dickens.

The Libraries are a depository for the University archives and for materials relating to the history of UNCG. The Women Veterans Historical Project, part of the University Archives, preserves the record and encourages the study of women working in and with the military of the United States. It documents the experience of women veterans with particular emphasis on World War II and the women of North Carolina and the institution that is now UNCG.

Jackson Library is a selective depository for U.S. government documents as well as depository for North Carolina state documents.

All students cross-registered in the Greater Greensboro Consortium have direct lending access to the libraries of those institutions. Those not cross-registered may borrow directly from the other libraries for specific projects by application through the library at their home institution.

Friends of the University Libraries, established in 1959, supports the mission of the Libraries and provides major support for special collections and other projects.

University Registrar's Office (180 Mossman)

Web site: www.uncg.edu/reg

The Office of the University Registrar (336/334-5946) is responsible for the registration of all students, undergraduate and graduate, in academic credit courses offered by the University. Registration is Web-based on the University's automated student information system, *UNCGenie*. All aspects of this process, including the preparation of schedule materials, demographic updates, registration scheduling and processing, are handled by this office. In connection with registration, the University Registrar's Office is also responsible for grade processing at the close of each semester, and maintains the official academic records for all current and former students.

Other services provided by this Office include the following:

Certifications/Verifications

The University Registrar's Office certifies student enrollment to various agencies and institutions upon the student's written request. Academic honors are also certified by this office.

Change of Address or Name

All University-related mailings access the demographic files maintained by the University Registrar's Office. A student can update his/her demographic information on the Web by accessing *UNCGenie*. Presentation of a photo ID and legal document in the University Registrar's Office is required to process a name change.

Consortium (Greater Greensboro)

UNCG students desiring to take courses at one of the local Consortium institutions (p. 21) should obtain a Consortium form in the University Registrar's Office, 180 Mossman Building.

Degree Evaluation, Graduation, and Commencement

The University Registrar's Office is responsible for the implementation and maintenance of the Curriculum, Advising, and Program Planning (CAPP) automated degree audit system. This system facilitates degree monitoring and final degree clearance. Undergraduate students must apply to the University Registrar's Office by the semester deadlines published in the University Academic Calendar in order to be certified for graduation. The University Registrar's Office coordinates the ordering of diplomas and Commencement activities.

Major Changes and Advisor Assignments, Academic Good Standing

The Office coordinates major changes, faculty advisor assignments, academic good standing, tuition surcharge, GEC course substitutions for UNCG courses, and academic renewal.

Summer Session Credits

Although approval to be a visiting student at another college must be obtained from Student Academic Services (SAS) to have the credits transferred to UNCG for degree credits, you must submit an official transcript to the Office of the University Registrar.

Transfer Credit Articulation

The University Registrar's Office provides transfer credit evaluation for students transferring into the University. Also see pp. 18 and 43.

Transcript of Academic Record

The University Registrar's Office will provide an official UNCG transcript to any student upon written request. Transcript pick-up, mailing, and fax services are available. There is a fee for the issuance of a transcript. Call 336/334-5945 or visit the University Registrar's Web site for complete instructions about obtaining UNCG transcripts.

University Directory Information

The University Registrar's Office maintains student demographic data and publishes the printed University Directory.

Release of Student Directory Information

Unless a student requests in writing to the contrary, federal law permits the University to release the following types of information to the public without the student's consent:

> Name; mailing, permanent and e-mail address; telephone number; date of birth; dates of attendance; class (junior, senior, etc.); enrollment status (full-time or part-time); major; anticipated date of graduation; degree(s); honors and awards; county, state, and/or U.S. territory from which the student originally enrolled; participation in officially recognized activities and sports; weight and height of members of athletic teams; most recent previous educational agency or institution attended.

Suppression of Student Directory Information

Under the 1974 Family Educational Rights and Privacy Act (FERPA), the student has the right to request in writing that the disclosure of this information be withheld from persons outside the University. Please note that this information can only be suppressed from the public, NOT from University officials.

To have address and phone number information suppressed from the printed and Web University Directory and Campus Information, a student must file a form requesting suppression of information with the University Registrar's Office. The form must be filed by September 1 to avoid having the information appear in the printed Directory, while requests to suppress Web directory information can be made at any time. A request to suppress information must be filed while the student is still enrolled at the University.

Once a student's information is suppressed, it will not be released to any outside agency, nor printed in the Commencement Program upon the student's graduation, without the student's written consent. The suppression of information remains in effect until revoked in writing by the student, even after the student is no longer enrolled at the University. Former students may request in writing that earlier suppression requests be revoked.

Parents' Information

Information concerning parents of students (names, addresses, phone numbers, etc.) is not made available as it is not considered directory information.

Release of Grades and GPA Information

Grades and grade point averages are never released to agencies or persons outside the University without the written consent of the student. Grades and GPA information is not given out over the telephone.

Veterans Services and Certification

Veterans enrollment certification is handled by the University Registrar's Office. See p. 24 for more information.

University Teaching and Learning Center (TLC) (McIver)

This center provides instructional support for students and faculty at UNCG through three divisions and the Office of the Director.

Creative Services provides production of audio, video, graphic, and photographic materials for use by faculty in instruction and research. Staff of this division will also consult with faculty concerning desktop publishing and multimedia production and presentation.

Classroom Technical Support provides a variety of support services to faculty including maintenance of instructional equipment and training in its operation, consultation on instructional technology systems, and installation of these systems.

Media Services provides services related to the purchase and circulation of instructional videotapes and equipment, optical mark scanning for test scoring and data collection, and the sale of selected instructional supplies. Limited loan of instructional equipment and instructional videotapes are available to students with written permission on departmental letterhead. An entertainment collection of more than 7,500 feature videotapes is available for free loan to students who register for this service. Some restrictions may apply.

The Office of the Director assists faculty in enhancing teaching skills, improving courses, and resolving instructional problems. The office sponsors seminars, workshops, teleconferences and individual consultation. In addition, the office administers several grants including the Advancement of Teaching and Learning Grants (ATL), the Faculty Instructional Development Mini-Grants, and the John and Mary Hamil Fund for Innovation in Undergraduate Education. The office also provides support for UNCG's distance education initiative through administration of the Blackboard course management software.

Campus Opportunities

Student Life

College provides students with many exciting and challenging growth experiences. It is a time when students begin preparing for their careers and shaping the rest of their lives.

The University and all its resources are organized to offer students an academic experience of the first order. Self-realization and growth in individual competencies is also achieved through student participation in a variety of co-curricular experiences including social, cultural, intellectual, recreational, spiritual, and governance programs.

The following list represents a portion of programs and activities scheduled on campus during a given academic year:

UNCG Open House (Pre-orientation program for prospective students)
UNCG Theatre
University Concert/Lecture Series
African American History Events
Women's History Celebration
Student Government Association
Homecoming
Luminaires Display
UNCG Symphony Orchestra
Athletic Events
Students Taking Active Responsibility (STAR)
Family Weekend
Spring Fling
Intramural Sports
Commuter Student Deli
Leadership Education and Development Seminars (LEAD Seminars)
Career Days
Fitness Testing
Fall Kickoff
Martin Luther King, Jr. Celebration
Office of Student Life Movie Series
International Festival
Outdoor Adventures

Elliott University Center

The Elliott University Center (EUC) has been literally and symbolically identified as UNCG's center since it opened in 1953. It is a familiar home base for students, faculty, and staff; a meeting place for activities, events, and ceremonies; and a greeting place for campus visitors. Located at a key pedestrian crossroads on campus, the EUC is convenient for most of the UNCG community at some time each day.

Day-to-day operations in the EUC and the coordination of events and activities held in the building are the responsibility of the Office of Student Life (OSL). In its role as building manager, the Office of Student Life sponsors and facilitates programs and services that intentionally foster interaction among students, student organizations, and the University community.

The EUC houses spaces consisting of a 480-seat auditorium; a multicultural resource center; a meditation center; meeting rooms with state-of-the-art technology; open lounge areas; as well as meeting and office spaces for student organizations and offices including the Office of Student Life, the Career Services Center, Disability Services, the Office of Orientation, the Office of Multicultural Affairs, the Office of Leadership and Service Learning, and the Office for Adult Students. The UNCG FirstCard Center, UNCG Bookstore, and the University Box Office and Arts Information Center are also housed within the EUC.

Dining options in the Elliott University Center include Burger King™, Chick-Fil-A® Express, Quiznos® Sub, Kettle Classics, Pizza Hut Express, the Salad Garden™, JUMP® Asian Express Cuisine™ (Asian and sushi), and a quick place to pick up Krispy Kreme Doughnuts® daily. Cranberry Farms serves up rotisserie chicken and home-style favorites appropriately within a student budget. Charlie's Fine Coffees and More is a student favorite for coffee, tea, and specialty drinks, conveniently located in the EUC. A campus grocery store, The Marketplace, is located on the first floor and offers fresh produce, convenience items, and a special section of organic, vegetarian, vegan, and fat-free products.

Retail space is maintained by the University Bookstore and Wachovia and Cash Points (State Employees Credit Union) automated teller machines (ATMs). A postage vending machine, FirstCard Cash-to-Chip machine, and photocopiers are also located near the Information Desk. For more information, please visit http://euc.uncg.edu.

Specialized spaces and services in EUC include:

- The Information Desk—Located on the first floor near the grand stairwell. Friendly students are willing to assist with general information including directions to a building on campus, off-campus apartment and roommate listings, maps of the city of Greensboro, local bus schedules, and other reference resources. The Info Desk can also help with information concerning student addresses and telephone numbers, for lost and found matters, and event calendar information. Stop by or call the information line at 334-5510;
- Game Room—A great place for something to do between classes and studying. Located on the ground floor, the game room has competition-sized billiard tables, pinball and video machines, air hockey, table tennis, and board games. Catch the latest sporting events on the wide-screen TV. The game room can be reserved for special events and groups upon request. Hours are 12:00 Noon–10:00 P.M., Monday–Saturday and 12:00 Noon.–6:00 P.M. on Sunday;
- University Box Office and Arts Information Center—Located on the first floor is a full service box office offering tickets to all UNCG Theatre, Music, and Dance events, the University Concert/Lecture Series, and other activities on campus. The box office staff also provides information on arts events off campus as well. Contact the Box Office at 334-4849 Monday–Friday, 12:00 Noon–5:00 P.M.;
- The EUC Art Gallery provides an additional opportunity on the UNCG campus to highlight traveling visual artists' exhibits as well as faculty and student exhibits. Whether you are an art lover or just want to check out something new and exciting, the EUC gallery is the place for you!
- Macintosh computers are located within the dining area for e-mail and Internet access;
- Informational kiosks with touch screens are located on the Ground and first floors;
- A television lounge is located on the ground floor in Room 50; and
- Services as varied as providing lockers for commuter students, an emergency car care kit, and a ride board.

The Reservations Office is responsible for coordination of meeting and lounge space in EUC. No rental fee is charged to affiliated student organizations, student study groups, or University departments for use of space; however, fees are assessed for special services provided by Elliott Center staff, for special room arrangements other than standard setup, for catering and for equipment (see EUC Policy Manual pp. 2–4). Non-University-affiliated groups wishing to rent facilities will be handled on a case-by-case basis and will be referred to the Office of Continual Learning for sponsorship. Rental and other fees will be charged. Profit-making ventures are excluded by law from the University campus (see Merchandising Policy). The Reservations office is located in room 221 and is open Monday through Friday, 8:00 A.M. until 4:00 P.M. Call 334-5378 for more information or visit http://reservations.uncg.edu.

Hours of Operation*:

Elliott University Center:

Monday–Thursday: 7 A.M.–11 P.M.
Friday: 7 A.M.–10 P.M.
Saturday: 8 A.M.–10 P.M.
Sunday: 10 A.M.–11 P.M.

Elliott University Center Food Court:

Monday–Thursday: 7 A.M.–8 P.M.
Friday: 7 A.M.–4 P.M.
Saturday–Sunday: 11 A.M.–7 P.M.

**All hours subject to change.*

Peabody Park

Peabody Park is a wooded, grassy, and stream-dissected tract of land at the north end of the UNCG campus. Established as the University's educational park in 1901 by President McIver and the philanthropist George Foster Peabody, the Park has supported the academic and recreational objectives of the University for one hundred years.

Although the Park's original 125 acres have been reduced to thirty-four by University expansion, the portion of the Park that remains is a vital refuge for a wide variety of animals and plants, as well as a pleasant retreat from the business of the Campus. The Park's fields are home to many native and introduced species characteristic of the Carolina Piedmont, while the Park's woods are a fragment of the native oak-hickory beech-maple forest that once covered this

entire region of the United States. The branches of Buffalo Creek that flow through the Park are headwaters of North Carolina's Cape Fear river system.

More information about the Park can be found by following the Peabody Park link on the Department of Biology Web page at www.uncg.edu/bio.

Weatherspoon Art Museum (Anne and Benjamin Cone Building)

The Weatherspoon Art Museum, UNCG's contemporary art museum, is nationally known for its significant collections and dynamic exhibition program. Following its mission, the museum acquires, preserves, exhibits, and interprets modern and contemporary art for the benefit of its multiple audiences, including campus, community, region, and beyond. Through these activities, the museum recognizes its paramount role of public service, and enriches the lives of diverse individuals by fostering an informed appreciation and understanding of the visual arts and their relationship to the world in which we live.

Founded in 1941, the museum is named for Elizabeth McIver Weatherspoon, a member of the first Department of Art who taught art education for more than 30 years, and sister of Charles Duncan McIver, the first president of the Woman's College, later to become UNCG. The Weatherspoon earned accreditation from the American Association of Museums in 1995 and was reaccredited in 2005.

The Weatherspoon is located on the UNCG campus in the award-winning Anne and Benjamin Cone Building at the corner of Spring Garden and Tate Streets. Six galleries, a sculpture courtyard, and the atrium feature twenty or more exhibitions annually, offering students, faculty, and the public opportunities to see and learn directly from significant examples of modern and contemporary art. The Weatherspoon offers regular tours and educational programs that include lectures and gallery talks by visiting artists, scholars, and critics; panel discussions; film and video series; and other after hours events.

The Weatherspoon Art Museum has focused on building a permanent collection of modern and contemporary American art, acquiring significant and innovative works of the time. The collection now numbers 5,600 works of art that represent all major art movements from the 20th century to the present. Willem de Kooning, Robert Rauschenberg, Louise Bourgeois, Alexander Calder, Cindy Sherman, Louise Nevelson, and Andy Warhol are just a few of the major artists represented. Other highlights include the Dillard Collection of Art on Paper; the Etta and Claribel Cone Collection, which includes prints and bronzes by Henri Matisse and other European and American modernists; and the Lenoir C. Wright Collection of Japanese Prints. Acquisition endowment funds enable the museum to purchase works for the collection on an ongoing basis.

University students can participate in the museum docent program and other volunteer opportunities. Student membership in the museum is $15 per year and provides a number of benefits including exhibition announcements; a subscription to the quarterly newsletter, *ARTicles*; and invitations to the Members' Night reception, the *Art on Paper* preview party, and other special members' events. Admission is free and open to the public. The Museum is wheelchair accessible. Hours are Tuesday through Friday, 10 A.M. to 5 P.M., Thursday 10 A.M. to 9 P.M. (beginning fall 2002), and Saturday and Sunday, 1 to 5 P.M. For further information, call 336/334-5770 or visit the Web site at: http://weatherspoon.uncg.edu.

University Concert/Lecture Series (UC/LS)

Each year, the University Concert/Lecture Series (UC/LS) presents an assortment of programs including musical concerts, drama, and dance by touring performing artists. A committee of students, faculty, and staff serve as an advisory board to the Office of Student Life for the selection of each performance.

As season subscribers, students enjoy the innovative variety and excitement for which UC/LS is best known. UNCG students can purchase season tickets for as little as $32, or $6 for individual performances. Students may purchase two discounted tickets per performance with their UNCG Student ID and invite a family member or friend to share the excitement of a live show.

Season tickets are on sale beginning in June through the University Box Office in the Elliott University Center. Tickets for individual performances are available beginning in August. During the academic year, the Box Office is open from 12 P.M. to 5 P.M., Monday through Friday at both the EUC and School of Music locations. For further information, call the University Box Office and Arts Information Line at 336/334-4TIX (4849) or the Office of Student Life at 334-5800, or visit http://ucls.uncg.edu for the most current information. Due to the renovation project under way at Aycock Auditorium, UC/LS performances will take place at Carolina Theatre in downtown Greensboro for the 2006–07 and 2007–08 seasons.

Music Performance Organizations

All music performance organizations are open to all University students by audition.

Baroque Ensemble
Chamber Singers
Contemporary Chamber Players
Pep Band
Percussion Ensemble
Symphonic Band
University Band
University Chorale
University Glee Club—Men's
University Glee Club—Women's
University Jazz Ensemble
University Symphony
University Wind Ensemble
University Women's Choir
World Music Ensemble

Other chamber ensembles for instrumentalists are organized each semester.

University Dance Programs

The UNCG Department of Dance provides performance, choreographic, and production opportunities for qualified undergraduate and graduate students. Most dance concerts are produced in the Department's own theater, a 155-seat state-of-the-art facility in the Health and Human Performance Building (Walker Street entrance). The Department produces 6–10 dance concerts per semester, with choreography by students, faculty, and guest artists. Auditions for performers are held at the beginning of each

semester. Students who wish to participate in technical production activities may register for the appropriate courses or contact the Department's Technical Director. Students interested in any facet of the Department's activities should contact the Department office.

University Theatre Programs

The Department of Theatre has five production programs. These programs present a balanced selection of works each year involving plays, a musical, and an opera. Plays include works selected from a four year rotation among the significant periods and genres of drama and also include works designed for young audiences. These plays offer exceptional opportunities for students to work in all dimensions of theatrical production. All students, regardless of major, are encouraged to audition for shows. With the exception of a few professional guest artists, roles are reserved for students and are not cast from non-student community residents.

UNCG Theatre

Four major works, including at least one musical, are produced each year in the theatre in Taylor Building and Aycock Auditorium. Directed by faculty, guest artists, and advanced graduate students, these plays provide a major showcase of student design and acting talent. The UNCG Theatre also co-produces an opera each year in cooperation with the School of Music.

Studio Theatre

Four plays are usually presented each year in the Studio Theatre series. These plays focus on directing and acting challenges within Brown Auditorium and are directed by M.F.A. directing candidates or faculty.

Workshop Theatre

An average of 35 short plays or scenes are directed and performed by students with faculty supervision in the Workshop Theatre. Numerous roles are available in these shows and rehearsal periods are limited to 20 hours, making them an excellent opportunity for non-majors to act. Audition notices are posted on the first floor level of the Taylor Building. Productions are in Brown Auditorium at 4:00 P.M. on most Monday afternoons after the third week of each semester. Students and the public are invited to attend Workshop Theatre free of charge.

North Carolina Theatre for Young People

The North Carolina Theatre for Young People (NCTYP) Touring Company produces two or three plays each year, which are presented both on campus and toured extensively in North Carolina and the region. Each year NCTYP produces a major, non-touring production on campus.

Summer Theatre Program

The UNCG Summer Repertory Theatre Program, called Theatre 232, produces a series of plays that are presented during June at the Triad Stage in downtown Greensboro. The program is designed to meet the educational needs of students, especially B.F.A. and M.F.A. candidates who are completing internship requirements. Auditions are open to any enrolled student and summer term practicum courses are available for non-majors.

Student Media

The Carolinian—UNCG's student newspaper is published weekly during the academic year except during holidays and examination periods. The purpose of *The Carolinian* is to publish all campus news, local, state, and national news of relevance to the campus, and other articles of interest to the campus. Visit them online at www.carolinianonline.com.

The Coraddi—UNCG's student literary magazine is published twice during the academic year. The purpose of *Coraddi* is to publish the work of talented students in the field of poetry, fiction, art, and photography. *The Coraddi* provides experience and training in a non-academic setting to those students interested in editing, illustration, design, layout, and the entire field of magazine publishing. You may visit them online at www.thecoraddi.com.

WUAG—Music 103 is UNCG's student operated radio station located at 103 on the FM dial. WUAG is totally operated by students under the University Station Advisory Board. WUAG is on the air seven days a week offering album-oriented rock and jazz in a progressive, noncommercial format. Its purposes are to entertain and inform students about events on campus and in the community and to provide academic extracurricular radio experience for those interested in broadcasting. WUAG news, programming, music, production, and programming departments are open to all UNCG students. Visit them online at www.uncg.edu/wua.

2005–06 UNCG Affiliated Student Organizations

Campus organizations recognized/affiliated during the 2005–06 academic year are listed below. The UNCG Student Calendar/Handbook contains detailed descriptions and membership information on formally recognized student organizations and activities. Information is also available online within the Office of Student Life's Web site at http://studentlife.uncg.edu.

Political and Activist Groups

Amnesty International
Campus Antiwar Network
College Democrats
College Libertarians
College Republicans
Conservative Union
International Socialist Organization
NAACP (National Association for the Advancement of Colored People)
Political Awareness Club
STAND
UNC Green

Multicultural Organizations

Asian Students Association
Chinese Student Association
International Students Association
Native American Student Association
Neo-Black Society (NBS)
PRIDE!
SALSA (Spanish American Latino Student Association)

Performing and Fine Arts

- Au Chanté
- Cliché
- Essence Dance and Step Troop
- Prime Movers
- Sapphires (Women's Vocal)
- Seraphim
- Spartan Force Marching Band
- Spartones (Men's Vocal)

Performing and Fine Arts Administered by the School of Music

- University Chorale
- University Glee Club—Men's
- University Glee Club—Women's
- University Jazz Ensemble
- University Symphony

Community Service and Philanthropic Organizations

- Alpha Phi Omega
- Circle K
- MADhouse
- Relay for Life/Colleges Against Cancer
- Rotaract
- Students of Action
- UNCG UNICEF
- University Ambassadors

Special Interest Organizations

- Adult Student Association
- Bike Me! Collective
- Blue Crew
- Campus Activities Board
- Chess Club
- ELITE
- Science Fiction Fantasy Federation
- Student Veterans Association
- The TRIAD Project
- Vox®: Voices for Planned Parenthood

National Societies, Professional Groups, and Departmental Organizations

- Alpha Omicron Beta Kappa (Auditory–Oral/Birth–Kindergarten)
- Association of Nursing Students
- Athletic Training Education Association
- Biology Graduate Student Association
- Black Business Student Association
- Black Nursing Student Association
- Chi Eta Phi Nursing Society, Inc.
- Collegiate Middle Level Association
- Communication Club
- Council for Exceptional Children
- Counselor Education Student Association
- Deaf Hearing College Connection
- English Graduate Student Association
- Exercise and Sport Science Graduate Student Organization
- Future Financial Professionals of UNCG
- Geography Club
- History Club
- History Graduate Student Association
- HOSA
- International Interior Design Association
- iSpartan
- Legal Professions Association
- Library and Information Studies Student Association (LISSA)
- M.B.A. Association
- Museum Studies/Historic Preservation Association
- National Association of Social Workers Student Organization (NASW-SO)
- National Student Speech Language Hearing Association (NSSLHA)
- Nutrition Club
- Nutrition Graduate Student Association
- Phi Mu Alpha Sinfonia
- Psi Chi (Psychology)
- Sociology Club
- Student Anthropology Society
- The National Society of Minorities in Hospitality
- Theatre Graduate Association
- THREADS—CARS Student Association
- UNCG Student Chapter of AITP

Greek Organizations

Interfraternity Council—Fraternities (IFC)

- Interfraternity Council
- Kappa Delta Rho
- Lambda Chi Alpha
- Pi Kappa Phi
- Sigma Nu
- Sigma Phi Epsilon

College Panhellenic—Sororities (CHP)

- Alpha Chi Omega
- Alpha Delta Pi
- Chi Omega
- College Panhellenic Council
- Phi Mu
- Sigma Sigma Sigma

National Panhellenic Council—Fraternities and Sororities (NPHC)

- Alpha Kappa Alpha
- Alpha Phi Alpha
- Delta Sigma Theta
- Kappa Alpha Psi
- National Panhellenic Council
- Omega Psi Phi
- Phi Beta Sigma
- Sigma Gamma Rho
- Zeta Phi Beta

Religious Organizations
- Baptist Student Union
- Campus Crusade for Christ
- Catholic Student Fellowship
- Daystar College Ministry
- Every Nation Campus Ministries
- Hillel, The Foundation for Jewish Campus Life
- InterVarsity Christian Fellowship
- R.E.A.L. Christian Fellowship
- St. Mary's House Anglican/Episcopal Center
- United Christian Fellowship
- Wesley-Luther Campus Ministry
- Wicca Pagan Students Association

Media Organizations
- The Carolinian Newspaper
- The Coraddi Literary Magazine
- WUAG Radio

Sports Clubs
- Club Badminton
- Club Disc Golf
- Club Equestrian Team
- Club Kendo
- Club Soccer-Women's
- Club Swim
- Club Tennis
- Club Ultimate Frisbee—Men's
- Club Ultimate Frisbee—Women's
- Club Volleyball

Honorary Societies
- Alpha Kappa Delta (Sociology)
- Alpha Lambda Delta (Freshmen)
- Alpha Psi Omega (Theatre)
- Beta Alpha Psi (Accounting)
- Beta Beta Beta (Biological Science)
- Beta Gamma Sigma (Business and Economics)
- Beta Iota Omicron (Biology)
- Chi Sigma Iota (Counseling)
- Delta Sigma Pi (Business)
- Eta Sigma Gamma (Health Education)
- Eta Sigma Phi (Latin and Greek)
- Gamma Theta Upsilon (Geography)
- Golden Chain (Leadership, Scholarship, and Service)
- Kappa Delta Pi (Education)
- Kappa Omicron Nu (Human Environmental Science)
- Lambda Pi Eta (Communication)
- Master of Public Affairs Student Alliance
- MSITM Association
- Mu Phi Epsilon (Music)
- National Residence Hall Honorary
- Omicron Delta Epsilon (Economics)
- Order of Omega (Greek)
- Phi Alpha Theta
- Phi Alpha, Iota Nu (Social Work)
- Phi Beta Kappa, Epsilon Chapter
- Phi Sigma Pi
- Phi Sigma Tau (Philosophy)
- Pi Delta Phi (French)
- Pi Kappa Lambda
- Pi Mu Epsilon (Mathematics)
- Pi Sigma Alpha (Political Science)
- Psi Chi (Psychology)
- Rho Lambda (Sorority)
- Sigma Alpha Lambda
- Sigma Delta Pi (Spanish)
- Sigma Phi Omega (Gerontology)
- Sigma Tau Delta (English)
- Sigma Theta Tau, Gamma Zeta Chapter (Nursing)
- UNCG Leadership Challenge—Bronze
- UNCG Leadership Challenge—Gold
- UNCG Leadership Challenge—Silver
- University Marshals (Academic and Service)
- Upsilon Pi Upsilon (Computing Science)

Governance Organizations
- Club Sports Council
- Graduate Student Association
- Residence Hall Association
- Student Government Association
- University Media Board

Athletics & Recreation

On-campus facilities include gymnasia, weight and exercise rooms, a fitness course, athletic training facility, an indoor swimming pool, dance studios, several golf holes, twelve lighted tennis courts, and playing fields for soccer, softball, and other field sports.

Intercollegiate Athletics

The University fields eight men's and eight women's teams, all affiliated with the NCAA Division I and the Southern Conference:

Men's Teams	Women's Teams
Baseball	Basketball
Basketball	Cross Country and Track
Cross Country and Track	Golf
Golf	Soccer
Soccer	Softball
Tennis	Tennis
Wrestling	Volleyball

The University also supports a pep band, a dance team, and a coed cheerleading squad.

UNCG is a member of one of the oldest and most respected Division I conferences in the nation. The Southern Conference has the following members: Appalachian State University, University of Tennessee at Chattanooga, College of Charleston, The Citadel, Davidson College, Elon University, Furman University, Georgia Southern University, UNC Greensboro, Wofford College, and Western Carolina University.

UNCG sports schedules for the 2007-08 season are highlighted by contests with some of the biggest names in collegiate athletics. In addition to Southern Conference foes and in-state and regional rivals, home and road contests are scheduled with Atlantic Coast Conference members and other nationally ranked teams in a variety of sports.

The Spartans compete in outstanding home facilities. UNCG's Soccer Stadium, completed in 1991, seats 3,540 and is the scene for all home men's and women's soccer games. The Michael B. Fleming Gymnasium in the HHP Building, completed in 1989, seats approximately 2,000 and is the home for basketball, volleyball, and wrestling contests. The baseball stadium, completed in 1999, seats 900 with additional lawn seating down both foul lines. It is one of the finest on-campus facilities in the South. The newly remodeled tennis facility has twelve courts and spectator seating. The new softball stadium with permanent seating for 500 opened spring 2006. It is one of the top collegiate softball stadiums in the Southeast. The Greensboro Coliseum, located just one mile from campus, is the site of some home basketball contests. Students are admitted free to all regular-season contests (with the exception of preseason and postseason contests.)

The men's basketball team won the Southern Conference title in 2001 and reached the NCAA Tournament for the second time in five years. In 2002, for the first time in UNCG history, the men's team received a bid to the Postseason National Invitation Tournament (NIT). The following season, the men's team received the opportunity to compete in the Postseason NIT. This was the first time in UNCG and Southern Conference history that a team had served as a host site for such a nationally recognized event. The women's basketball program won the Southern Conference title in 1998 and played in the first round of the NCAA Tournament at Alabama. In 2002, the women's team received a bid to participate in the Postseason Women's NIT, the first time in the program's history.

The men's soccer program has captured five Southern Conference titles and made eight NCAA Tournament appearances during the school's NCAA Division I era. The program has produced several All-Americans, most recently Scott Jones and Randi Patterson, who have gone on to play professionally in MLS. In the 2004 season, the men's soccer team was ranked in the Top 10 for most of the season and was the consensus No. 1-ranked team for three consecutive weeks. In 2005 and 2006, the Spartans won both the Southern Conference regular season and conference tournament titles. Each of the last three seasons, the team has reached the NCAA Tournament's Round of 16. The women's soccer program has captured seven Southern Conference titles and has made seven NCAA Tournament appearances. In 1997, 2000, and 2003 the women's team advanced to the second round of the NCAA Tournament. This past season, the team won both the Southern Conference Regular Season and Tournament titles. The softball program has experienced tremendous success in Division I. The program has produced four Southern Conference Players of the Year. The baseball program has established itself as one of the premier teams in the Southern Conference.

Equity in Athletics

Pursuant to the federal Equity in Athletics Disclosure Act, information about equity in UNCG's intercollegiate athletics programs may be obtained from the UNCG Athletic Department, 337 HHP Building, UNCG, PO Box 26168, Greensboro, NC 27402-6168.

Campus Recreation (Student Recreation Center)

412 Student Recreation Center

Main Desk/Court Reservations: 336/334-4030

Office: 336/334-5924

24 hour Information Line: 336/334-3060

Facility/Program Schedules: http://campusrec.uncg.edu

Department of Campus Recreation

The Department of Campus Recreation, located in the Student Recreation Center, provides a wide variety of recreational and educational services for the University community, including club and intramural sports, fitness programs, Team QUESt (a team building/challenge course program), and Outdoor Adventures, as well as informal recreation through the Piney Lake Recreation Area, a golf practice area, tennis courts, lighted fields, and Rosenthal Pool located in the HHP Building.

Student Recreation Center

The Center covers 86,900 square feet and includes a 38-foot indoor climbing wall (The Edge), a three court gymnasium for basketball, volleyball, soccer and badminton, a jogging track, racquetball courts, and two weight rooms with free weights, selectorized and plate loaded strength training equipment. Cardiovascular exercise areas include bikes, elliptical trainers, treadmills, and rowers. Televisions are available on the second floor for workout entertainment. Saunas are available in each locker room. Use of the Rec Center and pool are free for currently enrolled students. Spouses/life mates of students may be sponsored for a paid membership.

Campus Recreation Courts and Irwin Belk Recreation Track

Two outdoor basketball and volleyball courts, a picnic Pavilion and a running and walking trail are located north of the Student Recreation Center. Facilities are free and open to UNCG students and members of the Recreation Center. Basketballs and volleyballs for the outdoor courts may be checked out with a current ID from the Student Recreation Center.

Fitness

Fitness classes are offered daily in the fitness and spin studios. The Fitness program offers the beginner and new-exerciser fitness orientations and proper set up and exercise technique. For all exercisers the Fitness program offers fitness assessments. Specialty classes, such as Power Yoga and Pilates, are popular, noncredit activities available each semester for a nominal fee. The Personal Training program offers one-on-one instruction that incorporates a specialized workout designed for each individual's specific goals. The fee is minimal for this service and individuals can sign up at the reception desk on the fourth floor of the Rec Center. Additional programs such as weight management, instructor training and educational workshops are on going.

Piney Lake 336/334-4273

Piney Lake, located 15 minutes southeast of campus, offers free seasonal recreation to currently enrolled students from April through October. Students may swim, kayak, canoe, fish, and picnic as well as play Frisbee, volleyball, and horseshoes. Summer memberships are available for students who were enrolled in the previous spring semester. The Hilltop Lodge, Lakeside Lodge, and a picnic area are available by reservation year-round.

Club Sports 336/334-5924

Club Sports are affiliated student organizations serving students' individual interests in a variety of sporting activities. These opportunities range from competitive, recreational/social, to instructional clubs, reaching out to the many different needs of the diversity of UNCG's student population. Currently the Club

Sports Program has fourteen active clubs that includes the following: equestrian, women's soccer, volleyball, men and women's rugby, men's lacrosse, women's ultimate frisbee, disc golf, badminton, tennis, swim, football, and ice hockey. Students are always welcome to start their own club!

The Edge (Climbing Wall) 336/334-4708

The Edge is a 38-foot indoor climbing wall located in the north end of the Student Recreation Center. Climbing is free to students and Rec Center members. Climbing workshops, belay certifications, shoe rental, and group climbing events are available. The wall provides climate-controlled rock climbing and bouldering with challenges for the beginner as well as advanced climbers.

Intramural Sports 336/334-5924

Intramural Sports leagues are offered for men and women in the following traditional sports: flag football, outdoor soccer, volleyball, softball, indoor soccer, and basketball. Co-recreational leagues, which includes men and women participating on the same team, is offered in the above-mentioned sports. Additionally, intramural sports will host the Jack Cooke Golf Classic, and Intramural Flag Football and Basketball All Star Games.

Outdoor Adventures 336/334-4033

The Outdoor Adventures Program, located on the first floor of the Rec Center (enter from brick sidewalk between Rec Center and HHP Building), offers outdoor trips and activities as well as an outdoor equipment rental center. Trips are student-led experiences geared toward the beginner as well as the more experienced and includes canoeing, whitewater and sea kayaking, hiking, rafting, caving, skiing, and rock climbing. The rental center provides outdoor maps and basic backpacking and camping equipment for personal outdoor trips.

Team QUESt (Quality University Experiences for Students) 336/334-4855

e-mail: teamquest@uncg.edu

Team QUESt is an experientially based leadership and team building program that facilitates group development. Activities allow a variety of ages and physical abilities to participate. Programs are designed to meet the client's specific needs. The following activities can be selected: low and high challenge course elements, team orienteering, classroom workshops, and portable initiatives.

Employment Opportunities

The Department of Campus Recreation hires graduate assistants, and approximately 200 undergraduate and graduate level students to assist in the operation of the programs and Department.

Web site: http://campusrec.uncg.edu

Campus Recreation Office	334-5924
Main Desk	334-4030
Court Reservations	334-4030
Outdoor Adventures	334-4033
The Edge (Climbing Wall)	334-4708
Team QUESt	334-4855
Piney Lake Recreation	334-4273
Recreation Field Building	334-4307
24-hour Information Line	334-3060

University Advancement, Alumni, and Friends of UNCG

University Advancement

University Advancement is responsible for coordinating and promoting activities that advance public understanding of the University and also for obtaining private financial support for the University. University Advancement carries a variety of responsibilities including educating all constituencies about the University—its strengths and its needs. It also stimulates private giving by creating an awareness of the important role that private gifts play in UNCG's present and future.

Fund-raising is carried out on a coordinated basis by the Advancement Office. This includes solicitations from alumni, community members, business entities, and foundations. Both outright gifts as well as gifts in the form of charitable trusts, annuities, life insurance, and bequests are opportunities for giving.

Advancement Services Office

The Advancement Services Office is responsible for managing biographic, gift, and other information on alumni, friends, corporations, and foundations to support activities of the Division of University Advancement, the UNCG Alumni Association, and various University departments.

Alumni Affairs

UNCG's Office of Alumni Affairs works to foster alumni interest in and loyalty to the University by providing programs and activities which involve alumni with UNCG. The Office serves as the University's central point of contact for alumni and coordinates alumni involvement in admissions programs, career networking, and, with the Alumni Association, develops programs and activities that lead current students to involvement as alumni. These include but are not limited to career networking events, senior week activities, and programs that unite students and alumni socially.

The Alumni House generally houses alumni activity events and provides rooms for receptions and meetings for the University community and Association members. It is currently closed for renovation and the offices of the Alumni Association are temporarily housed at 1605 Spring Garden Street.

Annual Giving

The UNCG Annual Giving Office is an integral part of the fundraising effort at the university, as it offers a distinct opportunity for alumni, families, friends, students, faculty, and staff to make an annual gift to the university. Through direct mail and phonathon campaigns, annual gifts may be restricted or unrestricted. Unrestricted gifts are designated to the UNCG Annual Fund, which provides critical current operating support. Restricted gift campaigns managed through the Annual Giving Office provide strengthened financial resources in other areas of the university.

Development

The Development Office designs and manages programs leading to gifts from alumni, friends, corporations, and foundations to support the University's faculty and students. Program areas include major gifts, planned giving, corporate and foundation giving, and the Annual Fund.

University Relations

The University Relations office is the primary communication unit of the University. This unit consists of institutional marketing, special programs, media relations, publications, and Web communication. Additional communication outlets include the UNCG Speaker's Bureau, *UNCG Magazine*, and *Campus Weekly* responsibilities.

Friends of UNCG

UNCG is not an academic ivory tower apart from the community and world around it. Business groups, individuals, alumni, the Greensboro community, and friends of the University throughout North Carolina give to and receive from UNCG in a realistic, academically healthy exchange of ideas, resources, and programs.

UNCG's continuing education programs, special seminars, University Concert/Lecture Series, and student productions and concerts receive community patronage and enthusiastic support. In addition, business and civic leaders and interested individuals join forces with UNCG to provide internships, scholarships for deserving students, and funds to enrich UNCG's various programs.

Among UNCG's friends and supportive groups are the following:

Angels of the UNCG Theatre

Organized in 1960 by alumni and friends to assist in UNCG productions and to provide financial assistance for talented students in theatre.

Board of Visitors

Established by UNCG's Excellence Foundation in 1998, the Board of Visitors is an advocacy group for the University. Comprised of 75 alumni and community members, the Board of Visitors work on initiatives identified by the University including corporate relations, merit scholarship fundraising, and stewardship identification. Members serve three-year terms.

Friends of the University Libraries

Organized in 1959 to help present the mission and needs of the library to the people of North Carolina. Special projects include enriching the book collection and the nationally recognized Woman's Collection, bringing speakers to campus, and providing library services to the entire community.

Human Environmental Sciences Foundation

Organized in 1946 as a charitable, nonprofit educational corporation to aid and promote, through financial assistance and other means, all types of education and research, both undergraduate and graduate, in the School of Human Environmental Sciences. Present endowment exceeds $5 million.

The Spartan Club

The Spartan Club was established in 1986. Its mission is to provide all scholarship support for UNCG student athletes through private gifts. No state funds are utilized.

The UNCG Excellence Foundation

Organized in 1966 by 42 business and civic leaders in Greensboro "to aid and promote, by financial assistance and otherwise, excellence in higher education, service, and research at UNCG." Present endowment exceeds $164 million. The fund supports Excellence Foundation professorships as well as scholarships, fellowships, academic programs, and other University endeavors.

UNCG Musical Arts Guild

Organized in 1972 to promote the School of Music by encouraging attendance at concerts, aiding in the development of scholarships, and assisting with musical programs and projects and the purchase of recordings and specialized equipment.

Weatherspoon Museum Association

Organized in 1942 and expanded in 1964 with the formation of the Weatherspoon Guild. Objectives are to stimulate interest in art, assist with exhibitions, and offer financial support for the permanent collection of contemporary art, recognized as the most outstanding in the Southeast.

9. University History, Officers, Faculty, & Governance

The History of The University of North Carolina: 1789–2007

In North Carolina, all the public educational institutions that grant baccalaureate degrees are part of The University of North Carolina. The University of North Carolina at Greensboro is one of 16 constituent institutions of the multicampus state university.

The University of North Carolina, chartered by the N.C. General Assembly in 1789, was the first public university in the United States to open its doors and the only one to graduate students in the eighteenth century. The first class was admitted in Chapel Hill in 1795. For the next 136 years, the only campus of the University of North Carolina was at Chapel Hill.

In 1877, the N.C. General Assembly began sponsoring additional institutions of higher education, diverse in origin and purpose. Five were historically black institutions, and another was founded to educate Native Americans. Several were created to prepare teachers for the public schools. Others had a technological emphasis. One is a training school for performing artists. The institution that became UNCG was chartered in 1891.

In 1931, the N.C. General Assembly redefined the University of North Carolina to include three state-supported institutions: the campus at Chapel Hill (now The University of North Carolina at Chapel Hill), North Carolina State College (now North Carolina State University), and Woman's College (now The University of North Carolina at Greensboro). The new multicampus University operated with one board of trustees and one president.

By 1969, three additional campuses had joined the University through legislative action: The University of North Carolina at Charlotte, The University of North Carolina at Asheville, and The University of North Carolina at Wilmington.

In 1971, the General Assembly passed legislation bringing into the University of North Carolina the state's ten remaining public senior institutions, each of which had until then been legally separate: Appalachian State University, East Carolina University, Elizabeth City State University, Fayetteville State University, North Carolina Agricultural and Technical State University, North Carolina Central University, the North Carolina School of the Arts, Pembroke State University, Western Carolina University, and Winston-Salem State University. This action created the current sixteen-campus University. In 1985, the North Carolina School of Science and Mathematics, the nation's first public residential high school for gifted students located in Durham, was declared an affiliated school of the University; and in 1996, Pembroke State University was renamed The University of North Carolina at Pembroke through legislative action.

The UNC Board of Governors is the policy-making body legally charged with "the general determination, control, supervision, management, and governance of all affairs of the constituent institutions." It elects the president, who administers the University. The thirty-two voting members of the Board of Governors are elected by the General Assembly for four-year terms. Former board chairmen and board members who are former governors of North Carolina may continue to serve for limited periods as nonvoting members emeriti. The president of the UNC Association of Student Governments, or that student's designee, is also a nonvoting member.

Each of the sixteen constituent institutions is headed by a chancellor, who is chosen by the Board of Governors on the president's nomination and is responsible to the president. Each institution has a board of trustees, consisting of eight members elected by the Board of Governors, four appointed by the governor, and the president of the student body, who serves ex officio. (The North Carolina School of the Arts has two additional ex officio members.) Each board of trustees holds extensive powers over academic and other operations of its institution on delegation from the Board of Governors.

In 2006, Erskine B. Bowles became the president of The University of North Carolina system. UNC campuses enroll more than 202,000 students and support a broad array of liberal-arts programs, two medical schools and one teaching hospital, two law schools, a veterinary school, a school of pharmacy, twelve nursing programs, 15 schools of education, three schools of engineering, and a specialized school for performing artists. Also under the University umbrella is the UNC Center for Public Television with its 11-station statewide broadcast network, and the N.C. School of Science and Mathematics, the nation's first public residential high school for gifted students.

Constituent Institutions of The University of North Carolina

Appalachian State University (Boone)
Founded 1899
UNC System: 1972

East Carolina University (Greenville)
Established 1907
UNC System: 1972

Elizabeth City State University
Established 1891
UNC System: 1972

Fayetteville State University
Established 1867
UNC System: 1972

North Carolina Agricultural and Technical State University (Greensboro)
Established 1891
UNC System: 1972

North Carolina Central University (Durham)
Founded 1909
UNC System: 1972

North Carolina School of the Arts (Winston-Salem)
Established 1963
UNC System: 1972

North Carolina State University (Raleigh)
Founded 1887
UNC System: 1931

The University of North Carolina at Asheville
Founded 1927
UNC System: 1969

The University of North Carolina at Chapel Hill
Chartered 1789

The University of North Carolina at Charlotte
Established 1946
UNC System: 1965

The University of North Carolina at Greensboro
Chartered 1891
UNC System: 1931

The University of North Carolina at Pembroke
Founded 1887
UNC System: 1972

The University of North Carolina at Wilmington
Established 1947
UNC System: 1969

Western Carolina University (Cullowhee)
Founded 1889
UNC System: 1972

Winston-Salem State University
Founded 1892
UNC System: 1972

In 1985, the **North Carolina School of Science and Mathematics** in Durham was granted status as an affiliate of The University of North Carolina.

Officers of The University of North Carolina

Erskine B. Bowles, B.A., M.B.A.—President

Harold L. Martin, B.S., M.S., Ph.D.—Senior Vice President for Academic Affairs

Wayne McDevitt, B.A.—Senior Vice President for University Affairs

L. Bart Corgnati, B.S., M.S.—Secretary of the University

Cynthia J. Lawson, B.A., M.A.—Vice President for Communications and Strategy Development

Russ Lea, B.S., M.S., Ph.D.—Vice President for Research and Sponsored Programs

Alan Mabe, B.A., M.A., Ph.D.—Vice President for Academic Planning and University-School Programs

Robert O. Nelson, B.A., M.P.A.—Vice President for Finance

Robyn R. Render, B.S., M.S., Ph.D.—Vice President for Information Resources and Chief Information Officer

Kimrey Rhinehardt, B.A.—Vice President for Federal Relations

Andy Willis, B.A., M.P.A.—Vice President for Government Relations

Leslie Winner, A.B., J.D.—Vice President and General Counsel

The Board of Governors of The University of North Carolina

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Patsy B. Perry
Gladys Ashe Robinson
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Class of 2009
Bradley T. Adcock
Peaches Gunter Blank
Laura W. Buffaloe
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Hannah D. Gage
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Jim W. Phillips Jr.
Irvin A. Roseman
William G. Smith
J. Craig Souza
J. Bradley Wilson
David W. Young

Member Emeritus
James E. Holshouser Jr.

Ex Officio
Derek T. Pantiel

The History of The University of North Carolina at Greensboro

The first state-supported school for the higher education of women in North Carolina was chartered in 1891 as the **State Normal and Industrial School**. It opened on October 5, 1892 to 223 students, a 15-member faculty, and classes in three departments: business, domestic science, and teaching. Charles Duncan McIver, who with other pioneers in public education crusaded for higher education for women, was the first president of the institution, serving from 1892 until his death in 1906.

In 1896 State Normal's name was changed to the **State Normal and Industrial College**.

In 1919, the school was renamed **North Carolina College for Women**, as it continued to educate women in the liberal arts with particular emphasis in the fields of teaching, home economics, music, and physical education.

The first graduate degree, the Master of Arts, was awarded in 1922.

The General Assembly of 1931 combined the North Carolina College for Women, The University of North Carolina (at Chapel Hill) and the North Carolina State College of Agriculture and Engineering (at Raleigh) into a Consolidated University. The campus at Greensboro thus became **The Woman's College of the University of North Carolina**.

The first doctoral degree was awarded in June of 1963.

"WC" became coeducational in July of 1963, when laws were amended to authorize admission of both men and women at all levels of instruction on all University campuses. At that time, the Greensboro campus was again renamed as **The University of North Carolina at Greensboro**.

In October 1971 the General Assembly adopted legislation that combined all 16 of the state-supported institutions of higher education into a single University of North Carolina, governed by a board of governors and administered by a president. Each constituent institution has a separate board of trustees and is administered by a chancellor.

In 1995, Patricia A. Sullivan became the ninth chancellor and the first woman chancellor of the University.

UNCG's fall 2006 enrollment was 16,728—23% of whom were graduate students—with 1,001 full- and part-time instructional faculty. UNCG offers over 100 undergraduate areas of study, master's degrees in a wide variety of concentrations, and 23 doctoral programs. The campus on Spring Garden Street, its original location, has grown to 204 acres and 96 buildings.

The Board of Trustees of The University of North Carolina at Greensboro

Academic Year 2006–07

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Jane Preyer
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James Norman Smith
Gwynn Swinson

Ex Officio Member (one-year term)

Jonae Wartel, President, UNCG Student Government

The Officers of The University of North Carolina at Greensboro

Office of the Chancellor

Patricia A. Sullivan, Chancellor, B.A., M.S., Ph.D.
Sharlene R. O'Neil, Executive Assistant to the Chancellor, B.S.
Lucien Capone III, University Counsel, B.A., J.D.
Jennifer A. Palancia, Assistant University Counsel, B.A., M.Ed., J.D.
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Office of the Provost

Provost and Vice Chancellor for Academic Affairs
Vacant

Senior Associate Provost for Academic Affairs
J. Alan Boyette, B.A., M.SP., Ph.D.

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Kathleen Rountree, B.M., M.M., D.M.

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Associate Provost for International Programs
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The Graduate School
James C. Petersen, Dean, B.A., M.A., Ph.D.
Rebecca B. Saunders, Associate Dean, B.S., M.S.N., Ph.D.
J. Scott Hudgins, Assistant Dean, B.A., M.Div.

College of Arts and Sciences
Timothy D. Johnston, Dean, B.S., M.S., Ph.D.
Denise N. Baker, Associate Dean, B.A., M.A., Ph.D.
Robert C. Hansen, Associate Dean, B.A., M.S., Ph.D.
Kevin W. Moore, Associate Dean for Research, B.A., Ph.D.

Joseph M. Bryan School of Business and Economics
James K. Weeks, Dean, B.S., M.B.A., Ph.D.
Donald L. McCrickard, Associate Dean, B.A., Ph.D.

School of Education
Dale H. Schunk, Dean, B.A., M.A., Ph.D.
Betty C. Epanchin, Associate Dean for Teacher Education, B.A., M.Ed., Ed.D.
Ada L. Vallecorsa, Associate Dean, B.S., M.Ed., Ph.D.

School of Health and Human Performance
David H. Perrin, Dean, B.S., M.A., Ph.D.
Robert Mayo, Associate Dean, B.A., M.A., Ph.D.
Keith A. Howell, Associate Dean for Research, B.S., M.A., Ph.D.

School of Human Environmental Sciences
Laura S. Sims, Dean, B.S., M.S., Ph.D.
Marion O'Brien, Associate Dean, B.A., M.A., Ph.D.
John C. Rife, Associate Dean for Academic Administration, B.A., M.S.W., M.A., Ph.D.

School of Music
John J. Deal, Dean, B.M., M.M., Ph.D.
William P. Carroll, Associate Dean, B.M., M.M., M.S.M., D.M.A.

School of Nursing
Lynne G. Pearcey, Dean, B.S.N., M.S.N., Ph.D.
Virginia B. Karb, Associate Dean, B.S.N., M.S.N., Ph.D.
Eileen G. Kohlenberg, Associate Dean, B.S.N., M.S.N., Ph.D.

University Libraries
Rosann Bazirjian, University Librarian, B.A., M.L.S., M.S.

Division of Continual Learning
Robert M. Brown, Dean, B.A., M.A., Ph.D.

A+ Schools Program
Geraldine D. Howell, Executive Director, M.F.A., M.A.E., M.Ed.

Academic Administration
Sarah D. Carrigan, Assistant Vice Chancellor for Institutional Research, B.A., M.S., Ph.D.
Patsy Baird O'Rork, Assistant Vice Chancellor for EPA Personnel, A.S., B.F.A., M.P.A.
David A. Vaughan, Assistant Vice Chancellor for Academic Resources
Bo Bodenhamer, Director, Academic Information & Technology, B.S., B.S.
Eberhard K. Schubert, Director of Space Management, B.A., M.A.
Jennifer K. Rauch, Director of Student Residence Classification & Immigration Services, B.F.A., M.F.A.

Academic Assessment
Stephen C. Zerwas, Director, B.A., M.A., Ph.D.

Academic Systems and Student Achievement
Ellen H. Robbins, Director, B.A., M.Ed.

Admissions, Undergraduate
Elise K. Keller, Director, B.A., M.S.

Communication Across the Curriculum
Walter H. Beale III, Director, B.A., A.M., Ph.D.

Conflict Resolution Program
Cathie J. Witty, Director, A.B., M.A., M.P.A., M.S., Ph.D.

Financial Aid
Deborah D. Tollefson, Director, B.A., M.S.

Genetic Counseling Program
Nancy P. Callanan, Director, B.S., M.S.

Gerontology Program
Janice I. Wassel, Director, B.A., M.A., Ph.D.

International Student and Scholar Services
Anelise Z. Hofmann, Director, B.A.

Research Compliance
Eric C. Allen, Director, B.S.

Sponsored Programs
Valera T. Francis, Director, B.A., M.U.P., Ph.D.

Student Success Center
John E. Foreman, Director, B.A., M.A.

Student Academic Services
Robert A. Ross, Director, B.A., M.Ed.

Study Abroad and Exchange Programs
Penelope Pynes, Director, B.S., M.A., Ph.D.

Summer Session
Nora S. Reynolds, Executive Director, A.B.

Technology Transfer
Jerry L. McGuire, Director, B.S., M.B.A.

UNC Exchange Program (UNCEP)
Madge W. Hubbard, Director, B.A.

Undergraduate Research
Mary L. Crowe, Director, B.S., M.S., Ph.D.

University Registrar's Office
Kelly A. Rowett-James, University Registrar, B.A., M.F.A., M.A., Ph.D.

University Teaching and Learning Center (UTLC)
Ray C. Purdom, Director, B.S., M.S., Ph.D.

Weatherspoon Art Museum
Nancy M. Doll, Director, B.F.A., M.A.

Office of Business Affairs

Vice Chancellor for Business Affairs
Reade Taylor, B.S., M.B.A.

Associate Vice Chancellor for Facilities
Davis B. Lumpkin, B.S.E.E.

Associate Vice Chancellor for Finance
Steven W. Rhew, B.S.

Associate Vice Chancellor for Human Resources
R. Alan Bridge, B.A., M.A.

Assistant Vice Chancellor for Auxiliary Services
Michael T. Byers, B.A.

Assistant Vice Chancellor for Business Services
Shannon B. Clegg, B.A.

Assistant Vice Chancellor for Public Safety and Police
Rollin R. Donelson, B.S., M.Ed.

Assistant Vice Chancellor for Foundation Finance
Jill H. Goodman, B.S.

Assistant Vice Chancellor for Enterprise Administrative Services
Laura Young, B.S., M.B.A.

Office of Information Technology Services

Vice Chancellor for Information Technology Services
James Clotfelter, B.A., M.A., Ph.D.

Associate Vice Chancellor for Data Services
Larry R. Henson, B.A., M.S., M.B.A.

Assistant Vice Chancellor for Technology Planning & Security
R. Chuck Curry Jr., B.S.

Assistant Vice Chancellor for Management and Budget
Victoria Gaskill, B.S.B.A., B.S.

Interim Director of Data Management
Valerie McFadden, B.A., B.S., M.A., M.B.A.

Associate Vice Chancellor for Systems & Networks
Donna Heath, B.S., M.S.

Assistant Vice Chancellor for Systems
Susan S. Hensley, B.S., M.S.

Director of Telephone Services
Mack Stiles, B.S.

Assistant Vice Chancellor for Management Information Systems
Moreland Smith, B.A.

Associate Vice Chancellor for Client Services
Gloria Thornton, B.S., M.A.

Assistant Vice Chancellor for Application Services & University Webmaster
Todd Sutton, B.A.

Assistant Vice Chancellor for Project Management
Michael Durr, PMP, B.A., M.S.P.M.

Office of Student Affairs

Vice Chancellor for Student Affairs
Carol S. Disque, B.A., M.Ed., Ph.D.

Associate Vice Chancellor for Student Affairs
Cheryl M. Callahan, B.A., M.Ed., Ph.D.

Assistant Vice Chancellor for Student Affairs and Director of Student Life
Bruce J. Michaels, B.A., M.A.

Dean of Students
Jennifer Day Shaw, B.A., M.S., Ph.D.

Adult Students
Brooks G. Graham, Director, B.A.

Campus Recreation
Cynthia M. Hardy, Director, B.S., M.A.

Career Services Center
Donna J. Seckar, Director, B.A., M.Ed.

Counseling and Testing Center
Edward F. Morris, Director, B.A., M.S.W., M.A., Ph.D.

Development
Jennifer L. Goff, Director, B.A.

Office of Disability Services
Mary Culkin, Director, B.A., B.S., M.S.
Housing and Residence Life
Mary L. Hummel, Director, B.A., M.Ed., Ph.D.
Leadership and Service Learning
Cathy H. Hamilton, Director, B.A., M.S., Ph.D.
Multicultural Affairs
Audrey Lucas, Director, B.S., M.S.
Orientation
Kim Sousa-Peoples, Director, B.A., M.Ed., Ph.D.
Student Health Services
Tresa M. Saxton, Director, B.A., M.P.H., Ph.D.

Office of University Advancement
Vice Chancellor for University Advancement
Patricia W. Stewart, M.S., Ed.D.
Associate Vice Chancellor for University Relations
Helen D. Hebert, B.A., M.A.
Assistant Vice Chancellor for Central Development Programs
Lynn Bresko, B.A.
Assistant Vice Chancellor for Development Constituent Programs
Laura Pitts, B.A., M.Ed.
Advancement Services
Donna Sexton, Director, B.S.
Alumni Relations
Rebecca J. Menghini, Director, B.A., M.Ed.
Annual Giving
Terri Burris, Director, B.S., M.S.Ed.
Capital Campaign
Michelle Schneider, Director, M.P.A.
Corporate Foundation Relations
Susan Larson, Senior Director, B.A., M.A.
Development for Athletics/Spartan Club
J. Michael Roach, Director, B.S.
University Relations
Steve Gilliam, Director, B.A.
Web Communications
Miriam C. Barkley, Director, B.A., M.L.S.

2006–07 Undergraduate Curriculum Committee
Elected Members
Elisabeth Hurd, Chair (2008), School of Human Environmental Sciences
Pamela Kocher Brown (2007), School of Health and Human Performance
Ana Hontanilla (2007), College of Arts and Sciences
Stephanie Kurtts (2007), School of Education
Lynne Lewallen (2007), School of Nursing
Robert Griffiths (2008), College of Arts and Sciences and Faculty Senate
Lea Leininger (2008), University Libraries
Dan Royall (2008), College of Arts and Sciences
Dennis AsKew (2009), School of Music
Mark Hens (2009), College of Arts and Sciences
Larry Taube (2009), Bryan School of Business & Economics
Ex Officio NonVoting
Kathleen Rountree, Undergraduate Education
Adjunct Members
Dianna Carter, Advising Council
Karen Haywood, University Registrar's Office
Micah Martin, Student Academic Services

Teaching Faculty

This list reflects faculty appointments held during the 2006–07 academic year and includes appointments and promotions known at the time of printing that become effective on July 1, 2007.

Terry Ackerman (1999), Professor and Department Chair, Educational Research Methodology. B.S., University of Wisconsin Madison; M.S., Ph.D., University of Wisconsin Milwaukee.

Moses Acquaah (2000), Assistant Professor, Business Administration. B.A., University of Science and Technology (Ghana); M.A., M.B.A., Simon Fraser University (Canada); Ph.D., University of Wisconsin Milwaukee.

Jeffrey T. Adams (1985), Associate Professor, German and Russian/Broadcasting and Cinema. B.A., Lycoming College; M.A., Arizona State University; Ph.D., Northwestern University.

Rebecca G. Adams (1983), Professor, Sociology. B.A., Trinity College; M.A., Ph.D., University of Chicago.

Amy Adamson (2000), Associate Professor, Biology. B.S., State University of New York at Geneseo; Ph.D., Johns Hopkins University.

Kathleen Ahern (1993), Assistant Professor, German and Russian. B.A., Arizona State University; M.A., Ph.D., The University of North Carolina at Chapel Hill.

K. Porter Aichele (1990), Professor, Art. B.A., M.A., Vanderbilt University; M.A., Ph.D., Bryn Mawr College.

Riad Ajami (1996), Professor, Business Administration, Charles A. Hayes Distinguished Professor of Business. B.S., Western Michigan University; M.B.A., Portland State University; Ph.D., Pennsylvania State University.

Kenneth D. Allan (1995), Associate Professor, Sociology. B.S., Northern Arizona University; M.S., Ph.D., University of California Riverside.

Wesley D. Allan (2001), Assistant Professor, Psychology. B.A., M.A., University of Nevada Las Vegas; Ph.D., University of Missouri Columbia.

Laurie Allen (2004), Lecturer, Nutrition. B.S., M.Ed., The University of North Carolina at Greensboro.

Lynne Allen (2006), Lecturer, Specialized Education Services. B.S., M.Ed., The University of North Carolina at Greensboro.

Stuart D. Allen (1976), Professor and Department Head, Economics. B.A., Wake Forest University; Ph.D., University of Virginia.

Emelia P. Amoako (1999), Assistant Professor, School of Nursing. B.S.N., M.S.N., Ph.D., The University of North Carolina at Greensboro.

Kwasi Amoako-Gyampah (1990), Professor and Department Head, Information Systems and Operations Management. B.Sc., University of Science and Technology (Ghana); M.S., University of Missouri Rolla; M.B.A., Virginia Polytechnic Institute and State University; Ph.D., University of Cincinnati.

Michael Ananian (1994), Associate Professor, Art. B.F.A., Rhode Island School of Design; M.F.A., Yale University.

Arthur Anastopoulos (1995), Professor, Psychology. B.A., Tufts University; M.A., Wake Forest University; Ph.D., Purdue University.

James Anderson (1999), Associate Professor, History. B.A., Harvard University; M.A., Ph.D., University of Washington.

Susan Andreatta (1997), Associate Professor, Anthropology. B.A., University of Delaware; M.A., Iowa State University; Ph.D., Michigan State University.

Sandra Andrews (2005), Assistant Professor, Library and Information Studies. B.A., M.L.S., The University of North Carolina at Greensboro; Ph.D., Florida State University.

Renee N. Appaneal (2004), Assistant Professor, Exercise and Sport Science. B.A., The University of Kansas; M.A., The University of North Carolina at Chapel Hill; M.A., Ed.D., West Virginia University.

Mark V. Armstrong (2001), Lecturer, Computer Science. B.A., Erskine College; M.S., Wake Forest University.

Frances C. Arndt (1977), Lecturer/Director, Residential College. B.A., College of William and Mary; M.A., Ph.D., Duke University.

Robert Aronson (2001), Assistant Professor, Public Health Education. B.A., Wheaton College; M.P.H., The University of North Carolina at Chapel Hill; D.P.H., John Hopkins University.

C. Edward Arrington (1998), Professor, Accounting and Finance. B.A., M.A., University of Southern Mississippi; D.B.A., Florida State University.

Dennis W. AsKew (1992), Associate Professor, School of Music. B.M., University of Georgia; M.M., Pennsylvania State University; D.M.A., The University of Michigan.

David Ayers (2002), Assistant Professor, Curriculum and Instruction. B.S., M.A., Appalachian State University; Ed.D., North Carolina State University.

Ceola R. Baber (1989), Professor, Curriculum and Instruction. B.A., California State University, Sacramento; M.A., Stanford University; Ph.D., Purdue University.

Martica Bacallao (2004), Visiting Assistant Professor, Social Work. B.A., Elementary Education and Theater; M.A., George Washington University; M.S.S.W., University of Wisconsin Madison.

Edward S. Bach (1991), Associate Professor, School of Music. B.Mus., Brandon (Manitoba); M.Mus., D.M.A., British Columbia (Canada).

Raleigh Bailey (1997), Senior Research Scientist, Social Work. B.A., Florida Southern College; M.D., Boston University; Ph.D., Hartford Seminary Foundation.

Denise N. Baker (1975), Professor, English. Associate Dean, College of Arts and Sciences. B.A., University of Michigan ; M.A., University of California Santa Barbara; Ph.D., University of Virginia.

Jennifer L. Baker (2003), Lecturer, Communication Studies. B.A., B.S., M.A., University of Texas at Austin.

Sheldon D. Balbirer (1974), Associate Professor, Accounting and Finance. B.S., Carnegie Institute of Technology; Ph.D., The University of North Carolina at Chapel Hill.

Robert B. Banks (1982), Associate Professor, Chemistry and Biochemistry. B.A., Vanderbilt University; M.S., Ph.D., Florida State University.

Mary Jean Bannon (2003), Clinical Instructor, School of Nursing. M.S.N., The University of North Carolina at Greensboro; B.S.N., University of Ottawa (Canada).

Beth E. Barba (1989), Associate Professor, School of Nursing. B.A., B.S.N., Jersey City State College; M.A., Ph.D., New York University.

Matthew Barr (1994), Associate Professor, Broadcasting and Cinema. B.A., San Francisco State University; M.F.A., University of California, Los Angeles.

Mary Ashley Barret (1998), Associate Professor, School of Music. B.M., Eastman School of Music; M.M., Baylor University; D.M., Florida State University.

Pamela P. Barron (1999), Associate Professor, Library and Information Studies. B.A., University of Florida; M.L.S., A.M.D., Ph.D., Florida State University.

T. Robin Bartlett (1992), Assistant Professor, School of Nursing. B.S.N., M.S.N., The University of North Carolina at Greensboro; Ph.D., The University of North Carolina at Chapel Hill.

Richard Barton (1998), Associate Professor, History. B.A., Williams College; M.A., Ph.D., University of California, Santa Barbara.

Daniel T. Bass (2001), Lecturer, Mathematics and Statistics. B.S., M.Ed., Ph.D., Auburn University.

Geoffrey D. Baym (2002), Assistant Professor, Broadcasting and Cinema. B.S.J., Northwestern University; M.A., Ph.D., University of Utah.

Tatia Beal (2000), Lecturer, Romance Languages. B.A., M.A., Michigan State University.

Walter H. Beale (1971), Professor, English. Director of Communication Across the Curriculum. B.A., Wake Forest University; M.A., Ph.D., University of Michigan Ann Arbor.

Peter M. Bearse (1998), Associate Professor, Economics. B.A., The University of North Carolina at Chapel Hill; M.A., Ph.D., University of Virginia.

Anne M. Beavan (1995), Lecturer, Art. B.A., Marymount College; M.Ed., American University.

Leandra A. Bedini (1992), Professor, Recreation, Tourism, and Hospitality Management. B.S., East Carolina University; M.S., Michigan State University; Ph.D., University of Maryland College Park.

Dan Beerman (2001), Academic Professional Assistant Professor, Social Work. M.S.W., Rutgers University; M. Div., Princeton Theological Seminary.

Michael A. Beitler (1997), Lecturer, Business Administration. B.S., University of Central Florida; M.A., Vermont College Norwich; Ph.D., Union Institute.

Deborah Bell (1980), Professor, Theatre. B.A., Morehead State University; M.F.A., University of Minnesota Duluth.

Greg Bell (2005), Assistant Professor, Mathematics and Statistics. B.S., M.S., Ph.D., University of Florida.

Margo O. Bender (1985), Lecturer, Romance Languages. B.A., M.A., University of Nebraska Lincoln; Ph.D., The University of North Carolina at Chapel Hill.

D. Gordon Bennett (1967), Professor, Geography. B.A., East Carolina University; M.A., Ph.D., Michigan State University.

James M. Benshoff (1989), Professor, Counseling and Educational Development. B.A., College of William and Mary; M.Ed., George Mason University; Ph.D., American University.

Daniel L. Bibeau (1984), Associate Professor, Public Health Education. Department Head. B.S., M.S., Texas A&M University; Ph.D., Pennsylvania State University.

Jodi E. Bilinkoff (1982), Professor, History. B.A., University of Michigan Dearborn; M.A., Ph.D., Princeton University.

Carlette M. Blackmon (1996), Lecturer, Mathematics and Statistics. A.B., The University of North Carolina at Chapel Hill; M.Ed., The University of North Carolina at Greensboro.

Nikki Blair (2001), Assistant Professor, Art. B.F.A., Southern Illinois University; M.F.A., The Ohio State University.

Francine Blanchet-Sadri (1990), Professor, Computer Science. B.S., Université du Québec à Trois-Rivières (Canada); M.S., Princeton University; Ph.D., McGill University (Canada).

Carolyn Blue (2005), Professor, School of Nursing. B.S.N., Ball State University; M.S., Purdue University; M.S.N., Indiana University; Ph.D., University of Illinois; Post Doctoral Fellowship, Indiana University.

Charles Bolton (2005), Professor and Head of Department, History. B.S., University of Southern Mississippi; M.A., Ph.D., Duke University.

Jack Bonney (2005), Lecturer, Broadcasting and Cinema. B.A., The University of North Carolina at Greensboro.

L. DiAnne Borders (1987), Professor and Department Chair, Counseling and Educational Development. B.A., The University of North Carolina at Greensboro; M.A., Wake Forest University; Ph.D., University of Florida.

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Keith C. Wright (1980), Professor, Library and Information Studies. Emeritus (2001). B.A., Willamette University; M.Div., Union Theological Seminary; M.L.S., D.L.S., Columbia University in the City of New York.

Library Faculty

Rosann Bazirjian (2004), University Librarian. B.A., Herbert H. Lehman College of the City University of New York; M.S., Columbia University; M.S.Sc., Syracuse University.

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Betty Carter (2003), University Archivist. B.A., Meredith College; M.A., Duke University.

Jackie Case (2002), Head of Access Services. B.A., Western Carolina University; M.L.S., East Carolina University; M.L.S., North Carolina Central University.

Mary Jane Conger (1977), Head, Cataloging. B.A., Mary Baldwin College; M.A., University of Virginia; M.S.L.S., The University of North Carolina at Chapel Hill.

Steven M. Cramer (2001), Assistant Reference Librarian. B.A., University of Michigan, Ann Arbor; M.L.S., The University of North Carolina at Chapel Hill.

Kathryn M. Crowe (1983), Associate Director for Public Services. B.A., Randolph-Macon College; M.L.S., Indiana University; M.A., University of Georgia.

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Sarah B. Dorsey (1994), Head, Music Division. B.M., Stetson University; M.M., Boston University; M.L.S., University of Arizona (Tucson.)

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William K. Finley (1998), Head, Special Collections and University Archives. B.A., The College of William and Mary; M.A., The University of Kentucky; Ph.D., Duke University; M.L.S., The University of South Carolina.

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Adjunct Faculty

The purpose of Adjunct Faculty appointments is to recognize the gratuitous contributions and expertise of persons who participate in the teaching and/or research of a given department.

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Erica Pearson (2002), Adjunct Lecturer, Exercise and Sport Science. B.S., State University of New York College at Brockport; M.S., University of Florida.

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Warner Phelps (2003), Adjunct Professor, Geography. B.S., Southwestern Memphis; Ph.D., University of Tennessee.

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Donald D. Smith (1997), Adjunct Professor, Public Health Education. B.A., Trinity College; M.D., Duke University.

Will South (2000), Adjunct Professor, Weatherspoon Art Museum. B.A., Loyola Marymount University; M.A., University of Utah; M.S., Ph.D., Columbia University in the City of New York.

Josef M. Starobin (1997), Visiting Adjunct Assistant Professor, Physics and Astronomy. M.S., Ph.D., Moscow Physico-Technical Institute (Russia).

Linda S. Stine (2000), Adjunct Assistant Professor, Anthropology. B.A., The University of North Carolina at Chapel Hill; M.A., College of William and Mary; Ph.D., The University of North Carolina at Chapel Hill.

Linda Downey Stone (2005), Adjunct Instructor, School of Nursing. B.S.N., Adult and Family Nurse Practitioner Certification, University of Arkansas; M.S.N., The University of North Carolina at Greensboro; Certified Registered Nurse Anesthetist.

Joan Thomasson-Waters (2005), Adjunct Instructor, School of Nursing. B.S.N., University of South Carolina, Columbia; M.S.N., The University of North Carolina at Greensboro.

Richard L. Thompson (2005), Adjunct Professor, Educational Leadership and Cultural Foundations. B.A., Elon College; M.Ed., The University of North Carolina at Charlotte; Ed.D., The University of North Carolina at Greensboro. (Vice President for University-School Programs, The University of North Carolina Office of the President.)

Rosemarie Vardell (1999), Adjunct Assistant Professor, Human Development and Family Studies. B.A., Eastern Illinois University; M.S., University of Illinois; Ph.D., The University of North Carolina at Greensboro.

Amanda F. Wadsworth (2006), Adjunct Instructor, School of Nursing. A.N.D., Vance-Granville Community College; B.S.N., North Carolina Central University; M.S.N., University of Phoenix.

Janice F. Wassell (2001), Adjunct Professor, Sociology. B.A., Pacific Lutheran University; M.A., Ph.D., Pennsylvania State. (Director, Gerontology Program.)

Brenda Weatherington (2005), Adjunct Instructor, School of Nursing. A.D.N., York Technical Community College; B.S.N., East Carolina University; M.S.N., The University of North Carolina at Greensboro.

Deborah Wells (2002), Adjunct Clinical Instructor, Biology. B.S., North Carolina State University; M.S., Medical College of Virginia, Virginia Commonwealth University. (Genetic Counselor, Duke University Medical Center.)

Kathleen Welsh-Bohmer (1999), Adjunct Associate Professor, Human Development and Family Studies. B.S., Duke University; M.A., Ph.D., University of Virginia.

Joan F. Wessman (2006), Adjunct Instructor, School of Nursing. Diploma in Nursing, Fairview General Hospital, School of Nursing; B.S.N., Miami University.; M.S., The Ohio State University.

Marcy Whitebook (1999), Adjunct Assistant Professor, Human Development and Family Studies. B.A., M.A., University of California, Berkeley; Ph.D., University of California, Los Angeles.

Mark E. Wiles (2000), Adjunct Lecturer, Counseling and Educational Development. Director, College Foundation of North Carolina Resource Center (CFNC). B.A., Asbury College; M.Ed., The University of North Carolina at Greensboro.

Pamela Wilson (1998), Adjunct Lecturer, Recreation, Tourism, and Hospitality Management. B.A., M.A., The University of North Carolina at Chapel Hill.

Paul R. Woodard (1992), Adjunct Associate Professor, School of Nursing. B.S., The University of North Carolina at Chapel Hill; M.S., North Carolina State University; M.D., The University of North Carolina at Chapel Hill. (President, Raleigh School of Nurse Anesthesia.)

Faculty Senate & Committees

Faculty Senate

The Faculty Senate exercises the legislative powers of the General Faculty.

Membership: 37 voting members of the General Faculty who hold the rank of professor, associate professor, or assistant professor, and who are members or associate members of the Graduate Faculty or who hold the rank of professional librarian (elected from the College of Arts and Sciences, the Schools, and the Library in accordance with the number of voting members of the faculty in each electoral division), 16 nonvoting members (including the Provost, the immediate past Chair of the Senate, 4 Vice Chancellors, the Dean of the Graduate School, the Associate Provost for Research and Public/Private Sector Partnerships, a representative from the Council of Deans, the Head of the Faculty Assembly Delegation, the Chair of the Staff Council or the Chair's designee, the Parliamentarian of the Faculty Senate, 2 graduate students, and 2 undergraduate students).

Faculty Committee Structure

All terms of office are for three years with the exception of the Committee on Committees, the Faculty Promotions and Tenure Guidelines Committee, and the Research Policies Committee. Terms for the Committee on Committees and the Faculty Promotions and Tenure Guidelines Committee are determined by virtue of being chairs of committees within electoral divisions. Terms for the Research Policies Committee are specified in its membership.

I. ELECTED COMMITTEES

A. Autonomous (Elected) Committees (Elected at Large)

1. Committee on Due Process

The Committee on Due Process shall exercise the following duties and responsibilities:

(a) Receive evidence, conduct hearings, and report its findings and recommendations to the department head and the department head's immediate supervisor or to the Chancellor and, as appropriate, to the Chair of the Faculty Senate, on appeals from administration decisions involving discharge or the imposition of serious sanctions, termination of faculty employment, and nonreappointment. In exercising its responsibility, the committee shall use the definition of terms and the procedures for such hearings which are established by *The Code of The University of North Carolina* and *The Regulations on Academic Freedom, Tenure, and Due Process* of The University of North Carolina at Greensboro.

(b) All appeals arising under Section 603 of *The Code of The University of North Carolina* shall be heard by the full committee. In all other appeals arising under the committee's jurisdiction, the committee may establish an ad hoc panel of at least three committee members appointed by the chair to conduct hearings, receive evidence, and report to the full committee for the committee's deliberation and recommendation. The panel report shall include records, transcripts, all other written material, and the panel's recommendation. However, no committee member may participate in the discussion or decision on his or her own appeal or in any other case in which that committee member has participated in the recommendations from departments, the Schools, the Library, the College of Arts and Sciences, or other University committees.

Membership: 4 tenured faculty, plus 1 Senator.

2. Faculty Grievance Committee

The Faculty Grievance Committee shall hear, mediate, and advise with respect to the adjustment of faculty grievances concerned with matters directly related to a faculty member's employment status and institutional relationships on this campus in accordance with the provisions of *The Code of The University of North Carolina*. No grievance that grows out of or involves matters related to a formal proceeding for the suspension, discharge, or termination of a faculty member, or that is within the jurisdiction of another faculty committee, may be considered by the Faculty Grievance Committee.

Membership: 8 tenured/tenure-track faculty (with at least 1 member from each rank and 1 member from each School, the College, and the Library), plus 1 Senator. Of the 8 tenured/tenure-track faculty members, only 3 may be untenured, and at least 2 must be professors. (No officer of administration, including department heads and division chairs, shall be eligible to serve on the committee.)

3. Faculty Assembly Delegation

The Faculty Assembly Delegation shall: (1) gather and exchange information on behalf of the faculties of the constituent institutions of The University; (2) advise, through appropriate channels, the Board of Governors, the General Assembly, and other governmental agencies and officers on matters of University-wide import; and (3) advise and communicate with the President of The University regarding matters of importance to the faculties as well as the whole University.

Membership: 4 faculty member delegates, 3–4 alternates (one of whom shall be the Chair of the Faculty Senate).

4. Faculty Government Committee

The primary function of the committee is to recommend to the Faculty Senate all changes to *The Constitution of the Faculty*. Recommendations related to the policies and regulations subject to adoption by the General Faculty shall be forwarded to the Faculty Government Committee for consideration and review before presentation to the Faculty Senate. The committee shall also review the governance structures adopted by the College, professional Schools, and the Library to determine that they are consistent with *The Code of The University of North Carolina, The Regulations on Academic Freedom, Tenure, and Due Process*, and *The Constitution of the Faculty*.

Membership: 4 faculty, plus 1 Senator.

B. Autonomous (Elected) Committees (Elected by Unit) (Elected by the Senate electoral divisions)

1. Academic Policies and Regulations Committee

The committee shall develop policies governing the academic calendar, summer session, class scheduling, academic advising, and undergraduate regulations and requirements.

Membership: 1 faculty member from each Senate electoral division, plus 1 Senator. Ex officio and nonvoting members: as designated by the Provost. (The President of the Student Government and the President of the Graduate Student Association will be invited to attend or to send a representative.)

2. Committee on Committees

The committee shall preside over elections for the Secretary of the General Faculty and for elected at-large members of faculty committees. The committee shall conduct the nomination and elections processes and determine the eligibility of the nominees in conformity with *The Constitution* and membership regulations of the committees; it shall also collate results from Unit elections and appointments and General Faculty elections and report all results to the Faculty Senate in accordance with the Bylaws of *The Constitution of the Faculty*.

For committees with student representation, the Vice Chancellor for Student Affairs shall submit the names of students recommended by the President of the Student Government to the Committee for inclusion on the committees that have undergraduate representation. The Dean of The Graduate School shall submit names of students recommended by the Graduate Student Association to the Committee for inclusion on the committees that have graduate representation.

The committee shall recommend to the Chancellor, as requested, names of faculty members to serve on specially appointed committees. In addition to the above responsibilities, the committee, upon approval by the Faculty Senate, shall recommend to the Chancellor the names of three tenured faculty members from which the Chancellor may select the Faculty Representative to the National Collegiate Athletic Association in accordance with the guidelines set forth in the Faculty Senate Bylaws for this representative.

Membership: Faculty chair of the committee in each Senate electoral division responsible for elections in that division, plus 1 Senator.

3. Faculty Promotions and Tenure Guidelines Committee

The committee shall review the Units' documents and exchange information about the general guidelines and expectations which the Units have developed for the evaluation of teaching, research and creative activity, service, and directed professional activity for promotions and tenure.

Membership: Chairpersons of the 8 Unit committees on promotions and tenure. Ex officio and nonvoting members: the Chair and Chair-elect of the Faculty Senate.

4. Graduate Studies Committee

(elected by members of the Graduate Faculty in each electoral division)

The Graduate Studies Committee shall be an agency of the Senate devoted to studying aspects of graduate education. Its basic duties and responsibilities are as follows:

(a) Establish the criteria for the selection and review of members of the Graduate Faculty;

(b) Review all new courses, revised courses, and modifications to current courses taking one of the following actions: approve, disapprove, approve with modification. Review and act on all proposals for new graduate programs or major modifications to existing programs including the discontinuation of graduate programs. When the Provost gives preliminary consideration to a plan to establish or discontinue one or more graduate degree programs, for example, during the early stages of the University's strategic planning process, the Provost will consult with the committee; the committee will make recommendations to the Provost regarding the general advisability of pursuing such a plan;

(c) Review and formulate policies and regulations related to graduate education admission, retention, and graduate requirements;

(d) Hear student appeals related to Graduate School policies and regulations;

(e) Call to the attention of the Graduate Faculty and the administration issues of concern relating to graduate education;

(f) Act on matters referred by the Faculty Senate, Dean of the Graduate School, Graduate Faculty, and the Graduate Student Association on graduate education;

(g) Report to the Faculty Senate on actions taken regarding graduate education policies and programs;

(h) Advise the Faculty Senate on matters relating to graduate education.

Membership: Nine (9) faculty elected by the Graduate Faculty (1 from each School and 3 from the College), 1 Senator, who is a member of the Graduate Faculty, and the Registrar as an ex-officio member. Four additional members may be appointed by the chair, after consultation with the Dean of the Graduate School, in order to achieve programmatic balance, to serve one-year terms. The Dean and Associate Dean of the Graduate School and 2 graduate students elected by the Graduate Student Association are also voting members.

5. Research Grants Committee

The primary functions of the committee are to:

(a) receive, evaluate, and act on applications for funding of faculty research grants, subsidies for book publication, refereed publication page charges, submission fees, journal article reprints, and exhibition/performance charges; and

(b) set policies and procedures deemed necessary.

Membership: 7 faculty (1 from each School and the College), plus 1 Senator. (Up to 6 additional members may be appointed by the chair, after consultation with the Associate Provost for Research, in order to achieve programmatic balance, to serve one-year terms.) Ex officio and nonvoting: Associate Provost for Research and Public/Private Sector Partnerships.

6. Undergraduate Curriculum Committee

The Undergraduate Curriculum Committee shall be the agency of the Faculty Senate responsible for reviewing the undergraduate curriculum, making policy recommendations to the Faculty Senate on curricular matters, and performing such other duties as approved by the Faculty Senate, including the following:

(a) To review and approve all proposals for new courses; existing courses in which substantial changes have been made; new majors, programs, concentrations, and degrees which have been approved by the College Council or the curriculum committees of the various Schools; the discontinuation of courses and programs; routine changes as previously approved by the Provost's Office. When the Provost gives preliminary consideration to a plan to establish or discontinue one or more undergraduate degree programs, for example, during the early stages of the University's strategic planning process, the Provost will consult with the committee; the committee will make recommendations to the Provost regarding the general advisability of pursuing such a plan;

(b) To serve as the oversight committee for administration of all aspects of the General Education Core (GEC), to include oversight of the ten GEC category committees and the GEC Assessment Committee and final designation of courses for GEC credit;

(c) To review and approve student proposals under Plan II (Specially Designed Programs of Study);

(d) To oversee the adherence to the General Education Program (GEP) by the College and the Schools, and to provide for the required annual and five-year reviews of the GEP through the GEC committees;

(e) To take up for study or action matters referred by the Faculty Senate and General Faculty or any other matters deemed important to the work of the committee.

Membership: 10 faculty (1 from each School and the Library, and 3 from the College), plus 1 Senator. Ex officio and nonvoting members: as appointed by the Provost.

II. ADVISORY (APPOINTED) COMMITTEES

(Appointed from each of the 8 Senate electoral divisions)

It shall be the responsibility of the individual Units to appoint members to the Advisory (Appointed) Committees. Upon appointing faculty to serve on the advisory committees, the Units shall inform the Committee on Committees of their chosen representatives so that the Committee can compile and disseminate the information. If an unfilled position exists by the deadline given by the Committee on Committees, the Dean would become responsible for appointing a faculty member promptly to represent the Unit. The Units shall also be responsible for filling any vacancies that occur after the initial appointments have been made.

1. Academic Computing Committee

This committee shall serve as a policy formulation body with respect to academic computing and related activities. The committee shall act in an advisory capacity to the Faculty Senate and to members of the University administration. The committee shall report to the Vice Chancellor for Information Technology and Planning and the Associate Vice Chancellor for Information Technology.

Membership: 1 faculty from each Senate electoral division, plus 1 Senator and the chair of the Library Committee, ex officio. Ex officio and nonvoting: Associate Vice Chancellor for Information Technology and the Director of the University Teaching and Learning Center.

2. Budget Committee

The committee shall review the budgetary needs of the University and make recommendations to the Vice Chancellor for Business Affairs, the Provost, and other appropriate administrators and to the Faculty Senate regarding the needs of the faculty. The committee shall educate its members and the General Faculty on how the budget is allocated at UNCG and through the UNC system, and provide forums as needed for issues related to this process, be consulted by and shall advise in a timely fashion the Chancellor and other administrative officers during the process of the budgetary cycle, its revision, and allocation of University resources.

Membership: 1 faculty from each Senate electoral division, plus 1 Senator. Ex officio: Vice Chancellor for Business Affairs and the Provost or their designees.

3. Enrollment Management Committee

The committee shall review, recommend, and advise on policy decisions related to undergraduate enrollment: recruitment, admissions, financial aid, and retention.

Membership: 10 faculty (1 from each School and the Library and 3 from the College), plus 1 Senator. Ex officio and nonvoting members: as appointed by the Provost. (The President of the Student Government and the President of the Graduate Student Association will be invited to attend or to send a representative.)

4. Faculty Compensation Committee

The committee shall review, recommend, and advise on all policies regarding faculty salaries and employee benefits for the regular academic year, summer session, and UNCG extension courses. The committee shall make periodic and timely reports to the Faculty Senate regarding the salary situation at UNCG such as comparison of salaries among the Schools and the College, gender differences in salaries and salary inequities between new appointments and continuing appointments in similar disciplines. The committee shall also review the salaries and employee benefits in the UNC system, national trends in faculty salaries and employee benefits and the effect of inflation upon salaries and benefits. The committee shall make an annual recommendation to the Faculty Senate regarding salary increases and the employee benefits package. These recommendations shall address merit pay increases, cost of living adjustments, and enhanced employee benefits, and shall be forwarded to the Chancellor, the Provost, and to the President of the UNC system through the UNCG Delegation to the Faculty Assembly.

Membership: 1 faculty from each Senate electoral division, plus 1 Senator.

5. Faculty Professional Development and Welfare Committee

The purpose of the Faculty Professional Development and Welfare Committee shall be to support the role of faculty members as learned professionals. The committee shall review and make recommendations on matters concerning professional status and effectiveness in the areas of teaching, research, and service. All matters other than salary and benefits are relevant, including but not limited to standards of professional performance; professional rights and privileges; working conditions; standards for teaching loads and reduction in load for research and service assignments; research and other leaves of absence; and programs for the enhancement of faculty professional abilities and effectiveness, including participation in seminars, workshops, colloquia and other professional development programs, professional travel and similar activities.

Membership: 1 faculty from each Senate electoral division, plus 1 Senator. Ex officio and nonvoting: Director of the University Teaching and Learning Center.

6. Intercollegiate Athletics Committee

The committee shall be responsible for monitoring and reporting on intercollegiate athletics to the Faculty Senate. Of primary concern to the committee shall be the academic welfare of the student athletes and the overall integrity of the intercollegiate athletics program. The committee shall be available to hear and act on complaints and suggestions about intercollegiate athletics from the faculty, students, and other members of the University community.

Membership: 1 faculty from each Senate electoral division, plus 1 Senator and 3 students (1 from the Student Athletic Association, 1 from the Student Government, 1 from the Graduate Student Association). Ex officio: Faculty Representative to the NCAA. Adjunct: Director of Intercollegiate Athletics, Chair of the Chancellor's Advisory Committee on Intercollegiate Athletics, and the Associate Director of Athletics for Student Welfare.

7. Library Committee

The committee shall review and make recommendations to the University Librarian regarding policies and procedures which will enhance the effectiveness of the Library. The committee shall act as a liaison agency interpreting Library policies to the University.

Membership: 7 faculty (1 from each School and the College), plus 1 Senator and the chair of the Academic Computing Committee, ex officio. Ex officio and nonvoting: University Librarian. (The President of the Student Government and the President of the Graduate Student Association will be invited to attend or to send a representative.)

8. Research Policies Committee

The committee shall make advisory recommendations to the Faculty Senate and/or to the Associate Provost for Research and Public/Private Sector Partnerships, acting for the Provost, about new policies or changes in existing policies that affect research conducted by faculty at the University. The overall goal for the committee is to enhance the research climate of the University.

Membership: 7 faculty (1 from each School and the College), plus 1 Senator, 2 all-University Institute or Center directors, the chair of the Institutional Review Board for Human Subjects, and the chair of the Institutional Animal Care and Use Committee. Administrative staff for the committee to be: Associate Provost for Research and Public/Private Sector Partnerships, Director of the Office of Research Services, and Director of Contracts and Grants from the Division of Business Affairs.

The 7 faculty members shall serve three-year terms. The chair of the committee shall always be a faculty member who shall serve a two-year term as chair. The all-University Institute or Center directors shall serve for 3 years. The Senator member shall be appointed annually. Terms are not specified for the chairs of the Institutional Review Board for Human Subjects and the Institutional Animal Care and Use Committee because their time as committee chairs is specified within their respective committee structures.

9. University Teaching and Learning Center Committee

The committee shall serve as a policy formulation body with respect to the University Teaching and Learning Center. The committee shall review and make recommendations to the Director of the University Teaching and Learning Center and the Provost regarding policies and procedures which will enhance the effectiveness of the Center. The committee shall act in an advisory capacity to the Faculty Senate and to members of the University administration.

Membership: 1 faculty from each Senate electoral division, plus 1 Senator. Ex officio and nonvoting: Director of the University Teaching and Learning Center and the Chair of the Academic Computing Committee.

10. REFERENCES

ENROLLMENT & DEGREE STATISTICS

Enrollment Summary for Fall Semester 2006

Seniors	3,419
Juniors	2,812
Sophomores	2,952
Freshmen	3,574
Graduates	3,807
Specials and Unclassified	164
Total	15,920
Extension	808
Total Collegiate Enrollment for Fall 2006	**16,728**

Summer School 2006

Summer Session	5,347

Summary of Earned Degrees Granted at UNCG on August 9, 2005, December 15, 2005, and May 12, 2006*

Graduate Degrees

Doctor of Philosophy	57
Doctor of Education	8
Doctor of Musical Arts	11
Specialist in Education	10
Certificate of Advanced Study	26
Combined Master of Science and Specialist in Education	18
Master of Arts	171
Master of Business Administration	120
Master of Education	82
Master of Fine Arts	36
Master of Health Management	1
Master of Library & Information Studies	92
Master of Music	45
Master of Public Affairs	18
Master of Public Health	29
Master of School Administration	31
Master of Science	152
Master of Science in Nursing	88
Master of Social Work	1
Total Graduate Degrees	**952**

Baccalaureate Degrees

Bachelor of Arts	732
African American Studies	7
Anthropology	17
Archaeology	5
Art	6
Biology	21
Chemistry	8
Classical Studies	11
Communication Studies	82
Dance	11
Drama	10
Economics	22
English	91
French	4
Geography	13
German	4
History	51
Hospitality Management	15
Humanities	4
International Studies	13
Linguistics	1
Mathematics	13
Media Studies	47
Music	10
Philosophy	7
Physics	0
Political Science	54
Psychology	119
Religious Studies	8
Russian Studies	0
Sociology	60
Spanish	14
Student Designed Interdisciplinary	1
Women's and Gender Studies	3
Bachelor of Science	1,017
Accounting	53
Biochemistry	11
Biology	47
Business Administration	194
Chemistry	1
Computer Science	28
Consumer, Apparel, and Retail Studies	2
Dance	6
Economics	10
Education of the Deaf	28
Elementary Education	132
Exercise & Sport Science	74
Finance	48
Human Development & Family Studies	99
Information Systems & Operations Management	45
Interior Architecture	29
International Business Studies	19
Mathematics	6
Middle Grades Education	17
Nutrition	23
Physics	2
Public Health	33
Recreation, Parks, & Tourism	46
Special Education	19
Speech Pathology & Audiology	23
Textile Products Design & Marketing	22
Bachelor of Science in Medical Technology	2
Bachelor of Fine Arts	87
Art Education	10
Art, other	59
Dance	4
Drama	14
Bachelor of Music	53
Bachelor of Science in Nursing	160
Bachelor of Social Work	53
Total Baccalaureate Degrees	**2,104**
Total Earned Degrees	**3,056**

*Source: *Office of Institutional Research,* Fact Book 2006–07

Academic Program Inventory and CIP Codes

Reference to Undergraduate Academic Program Inventory

The following is a reference list of currently active undergraduate degree programs, as approved by UNC Office of the President and Board of Governors. For information about the complete UNCG program inventory and CIP codes, visit the UNC General Administration Web site at:

http://ias.ga.unc.edu/~passess/acrobat/apicipuncg.pdf

CIP Code	Discipline
Degree	Degree Program Title
05.0201	African American/Black Studies
B.A.	African American Studies
05.0207	Women's Studies
B.A.	Women's and Gender Studies
09.0102	Mass Communications/Media Studies
B.A.	Media Studies
11.0701	Computer Science
B.S.	Computer Science
11.0901	Computer Systems Networking and Telecommunications
B.S.	Information Systems and Operations Management
13.1001	Special Education, General
B.S.	Special Education, General
13.1003	Education of the Deaf and Hearing Impaired
B.S.	Training Teachers of the Deaf
13.1202	Elementary Teacher Education
B.S.	Elementary Education (K–6)
13.1203	Jr. High/Intermediate/Middle School Teacher Ed
B.S.	Middle Grades Education
13.1210	Early Childhood Education and Teaching
B.S.	Birth through Kindergarten Teacher Education
13.1302	Art Teacher Education
B.F.A.	Art Education (K–12)
13.1305	English Teacher Education
B.A.	English, Secondary Education
13.1311	Mathematics Teacher Education
B.A.	Mathematics, Secondary Education
B.S.	Mathematics, Secondary Education
13.1312	Music Teacher Education
B.M.	Music Education
13.1314	Physical Education, Teaching and Coaching
B.S.	Physical Education, Teacher Education (K–12)
13.1317	Social Science Teacher Education
B.A.	Economics, Secondary Education
B.A.	Geography, Secondary Education
B.A.	Political Science, Secondary Education
B.A.	Psychology, Secondary Education
B.A.	Sociology, Secondary Education
B.S.	Economics, Secondary Education
13.1318	Social Studies Teacher Education
B.A.	History, Secondary Education
13.1322	Biology Teacher Education
B.A.	Biology, Secondary Education
B.S.	Biology, Secondary Education
13.1324	Drama and Dance Teacher Education
B.F.A.	Theatre Arts Education
13.1325	French Language Teacher Education
B.A.	French, Secondary Education
13.1326	German Language Teacher Education
B.A.	German, Secondary Education
13.1330	Spanish Language Teacher Education
B.A.	Spanish, Secondary Education
16.0501	German Language and Literature
B.A.	German
16.0901	French Language and Literature
B.A.	French
16.0905	Spanish Language and Literature
B.A.	Spanish
16.1200	Classics and Languages, Literature and Linguistics
B.A.	Classical Studies
19.0505	Food Systems Administration
B.S.	Restaurant and Institution Management
19.0701	Human Development and Family Studies
B.S.	Human Development and Family Studies
19.0901	Apparel and Textile Studies
B.S.	Consumer, Apparel, and Retail Studies
23.0101	English Language and Literature, General
B.A.	English
23.1001	Speech and Rhetorical Studies
B.A.	Communication Studies
24.0101	Liberal Arts and Sciences/Liberal Studies
B.A.	Special Programs in Liberal Studies
B.S.	Special Programs in Liberal Studies
26.0101	Biology, General
B.A.	Biology
B.S.	Biology
26.0202	Biochemistry
B.S.	Biochemistry
27.0101	Mathematics
B.A.	Mathematics
B.S.	Mathematics
30.1901	Nutrition
B.S.	Nutrition
31.0101	Parks, Recreation, and Leisure Studies
B.S.	Recreation and Parks Management
31.0505	Exercise Sciences/Physiology and Movement Studies
B.S.	Exercise and Sport Science
38.0101	Philosophy
B.A.	Philosophy
38.0201	Religion/Religious Studies
B.A.	Religious Studies
40.0501	Chemistry, General
B.A.	Chemistry
B.S.	Chemistry
40.0801	Physics
B.A.	Physics
B.S.	Physics
42.0101	Psychology, General
B.A.	Psychology
44.0701	Social Work
B.S.W.	Social Work
45.0201	Anthropology
B.A.	Anthropology
45.0601	Economics, General
B.A.	Economics
45.0701	Geography
B.A.	Geography
45.1001	Political Science
B.A.	Political Science
45.1101	Sociology
B.A.	Sociology
50.0301	Dance
B.A.	Dance
B.F.A.	Dance
50.0408	Interior Design
B.S.	Interior Architecture

50.0501 Drama/Theater Arts, General
B.A. Drama
B.F.A. Drama

50.0701 Art, General
B.A. Art

50.0702 Fine/Studio Arts
B.F.A. Design, Painting, Sculpture

50.0901 Music, General
B.A. Music

50.0903 Music—General Performance
B.M. Performance

50.0904 Music Theory and Composition
B.M. Composition

50.0910 Jazz Studies
B.M. Jazz Studies

51.0204 Speech—Language Pathology and Audiology
B.S. Speech Pathology and Audiology

51.1005 Medical Technology
B.S.M.T. Medical Technology

51.1601 Nursing (RN Training)
B.S.N. Nursing

51.2207 Public Health Education and Promotion
B.S. Public Health Education

52.0201 Business Administration and Management, General
B.S. Marketing

52.0301 Accounting
B.S. Accounting
B.S. Accounting and Information Systems

52.0601 Business/Managerial/Economics
B.S. Economics

52.0801 Finance, General
B.S. Finance

52.0901 Hospitality Administration Management
B.A. Hospitality and Tourism Management

52.1101 International Business
B.S. International Business Studies

54.0101 History, General
B.A. History

Undergraduate AOS Codes

Reference to Undergraduate Areas of Study (AOS Codes)

The Area of Study Code (AOS code) is a code unique to UNCG. It is an internal mechanism that determines what program information appears on a student's transcript and advising record, and is used to track students through their academic careers. AOS codes identify majors, concentrations, second majors, minors, and teacher licensure areas at the university level.

The following list contains only currently active undergraduate area of study codes. Please note that most majors can also be taken as second majors or minors. See specific program descriptions and requirements for details.

Areas of study that provide teacher licensure are indicated by "(lic)" as part of the description. An asterisk (*) following a major code indicates that it can be taken only as a second major or as a secondary area of study. Programs that are offered only as minors have a check mark under "Minor."

AOS	Dept/Prgm	Unit	Prgm Name/Desc	Degree	Major	Minor
U101	ANT	AS	Anthropology	B.A.	ANTH	
U102	ANT	AS	Anthropology (lic)	B.A.	ANTH	
U104	ART	AS	Art His/Mus Studies	B.A.	ART	
U105	ART	AS	Studio Art	B.A.	ART	
U107	ART	AS	Art Educ I, general (lic)	B.F.A.	ART	
U109	ART	AS	Art Educ II, studio (lic)	B.F.A.	ART	
U111	ART	AS	Design	B.F.A.	ART	
U113	ART	AS	Painting	B.F.A.	ART	
U115	ART	AS	Sculpture	B.F.A.	ART	
U116	BIO	AS	Biology	B.S.	BIOL	
U117	BIO	AS	Biology	B.A.	BIOL	
U118	BIO	AS	Environmental Biology	B.S.	BIOL	
U119	BIO	AS	Biology (lic)	B.A.	BIOL	
U121	CHE	AS	Chemistry	B.A.	CHEM	
U122	BIO	AS	Environmental Biology	B.A.	BIOL	
U123	CHE	AS	Chemistry	B.S.	CHEM	
U124	CHE	AS	Biochemistry	B.S.	CHEM	
U125	CHE	AS	Chemistry (lic)	B.A.	CHEM	
U126	CHE	AS	Chemistry (lic)	B.S.	CHEM	
U129	CLA	AS	Latin (lic)	B.A.	CLAS	
U130	CLA	AS	2nd Aca Conc/Clss Studies —			
U137	COM	AS	Communication Studies	B.A.	CMST	
U143	CSD	HE	Speech Path/Audiology	B.S.	SPAU	
U145	SES	ED	Educ of the Deaf (lic)	B.S.	TEDF	
U155	ENG	AS	English	B.A.	ENGL	
U157	ENG	AS	English (lic)	B.A.	ENGL	
U159	ROM	AS	French	B.A.	FREN	
U160	GAR	AS	Russian			✓
U161	ROM	AS	French (lic)	B.A.	FREN	
U163	GEO	AS	Geography	B.A.	GEOG	
U164	GEO	AS	Geo Info Science	B.A.	GEOG	
U165	GEO	AS	Urban Planning	B.A.	GEOG	
U167	GEO	AS	Earth Sci/Environ Stdy	B.A.	GEOG	
U168	CHE	AS	Chem Research	B.S.	CHEM	
U169	GEO	AS	Geography (lic)	B.A.	GEOG	
U171	GAR	AS	German	B.A.	GERM	
U173	GAR	AS	German (lic)	B.A.	GERM	
U175	HIS	AS	History	B.A.	HIST	
U175	HIS	AS	History minor			✓
U177	HIS	AS	History (lic)	B.A.	HIST	
U178	MAT	AS	Interdisciplinary	B.S.	MATH	
U179	MAT	AS	Mathematics	B.A.	MATH	
U179	MAT	AS	Mathematics minor			✓
U180	CPS	AS	Computer Science	B.S.	CMPS	
U182	MAT	AS	Computer Science	B.S.	MATH	
U183	MAT	AS	Mathematics (lic)	B.A.	MATH	
U184	MAT	AS	Statistics	B.S.	MATH	
U185	MAT	AS	Mathematics (lic)	B.S.	MATH	
U186	BIO	AS	4+1 Med Tech	B.S.	BIOL	
U187	BIO	AS	Medical Technology	B.S.M.T.	MEDT	
U188	CHE	AS	4+1 Med Tech	B.S.	CHEM	
U189	PHI	AS	Philosophy	B.A.	PHIL	
U190	PHI	AS	Philosophy Pre Law	B.A.	PHIL	
U191	PHY	AS	Physics	B.A.	PHYS	
U192	MAT	AS	Statistics minor			✓
U193	PHY	AS	Physics	B.S.	PHYS	
U195	PHY	AS	Physics (lic)	B.A.	PHYS	
U196	PHY	AS	Physics (lic)	B.S.	PHYS	
U197	PSC	AS	Political Science	B.A.	PSCI	
U198	PSC	AS	Political Science Prelaw	B.A.	PSCI	
U199	PSC	AS	Political Science (lic)	B.A.	PSCI	
U201	BIO	AS	Pre Medicine		PREM*	
U203	BIO	AS	Pre Physical Therapy		PHYT*	
U205	PHY	AS	Pre Engineering		PREN*	
U207	PSC	AS	Pre Law		PREL*	
U209	BIO	AS	Pre Dentistry		PRED*	
U211	CHE	AS	Pre Pharmacy		PREP*	
U213	BIO	AS	Pre Veterinary		PVET*	
U214	BIO	AS	Biotechnology	B.S.	BIOL	
U215	PSY	AS	Psychology	B.A.	PSYC	
U217	PSY	AS	Psychology (lic)	B.A.	PSYC	
U218	BIO	AS	Biology (lic)	B.S.	BIOL	
U219	REL	AS	Religious Studies	B.A.	RELS	
U221	SOC	AS	Sociology	B.A.	SOCI	
U222	SOC	AS	Criminology	B.A.	SOCI	
U223	SOC	AS	Sociology (lic)	B.A.	SOCI	
U224	SOC	AS	Social Probs/Global Soc	B.A.	SOCI	
U227	ROM	AS	Spanish	B.A.	SPAN	

AOS	Dept/Prgm	Unit	Prgm Name/Desc	Degree	Major	Minor
U229	ROM	AS	Spanish (lic)	B.A.	SPAN	
U231	BIO	AS	4+1 Med Tech	B.A.	BIOL	
U232	CHE	AS	4+1 Med Tech	B.A.	CHEM	
U251	CUI	ED	Elem Edu (K–6 lic)	B.S.	ELED	
U254	CUI	ED	Middle Grds Edu (6–9 lic)	B.S.	MDED	
U260	SES	ED	Community Based Serv	B.S.	TEDF	
U261	SES	ED	Aural/Oral B–K (lic)	B.S.	TEDF	
U265	SES	ED	Special Education	B.S.	SPED	
U301	ACC	BE	Accounting	B.S.	ACCT	
U302	ACC/ISO	BE	Acct & Info Sys	B.S.	ACIS	
U305	ECO	BE	Economics (B.A.)	B.A.	ECON	
U309	ECO	BE	Economics (B.A.) (lic)	B.A.	ECON	
U311	ECO	BE	Economics (lic)	B.S.	ECON	
U313	ISM	BE	Information Systems	B.S.	ISOM	
U318	ISM	BE	Info Sys Minor		ISOM	✓
U326	BAD	BE	Human Resources	B.S.	BADM	
U327	BAD	BE	Marketing	B.S.	BADM	
U329	ECO	BE	Financial Economics	B.S.	ECON	
U331	BAD	BE	Business Studies	B.S.	BADM	
U333	ECO	BE	Bus & Public Policy	B.S.	ECON	
U334	ECO	BE	Applied Econ Analysis	B.S.	ECON	
U335	ECO	BE	Global Economics Policy	B.S.	ECON	
U336	ECO	BE	Economic Studies	B.S.	ECON	
U337	BAD	BE	Entreprnrshp/Small Bus	B.S.	BADM	
U339	ISM	BE	Supply Chain Mgmt	B.S.	ISOM	
U350	CLA	AS	Classical Studies Minor			✓
U352	CLA	AS	Classical Archaeology	B.A.	CLAS	
U354	CLA	AS	Classical Civilization	B.A.	CLAS	
U357	CLA	AS	Classical Lang & Lit	B.A.	CLAS	
U360	BAD	BE	Finance	B.S.	FINC	
U398	BAD	BE	Business Minor			✓
U406	DCE	HE	Dance	B.A.	DANC	
U407	PHE	HE	Community Health Edu	B.S.	PHTH	
U409	ESS	HE	Physical Educ (lic)	B.S.	EXSS	
U410	ESS	HE	Coaching Minor			✓
U412	ESS	HE	EXSS Fitness Ldership	B.S.	EXSS	
U413	RTH	HE	Therapeutic Recreation	B.S.	RPMT	
U418	RTH	HE	Rec & Parks Mgt Minor			✓
U419	RTH	HE	Leisure Serv Mgt	B.S.	RPMT	
U421	ESS	HE	Sports Medicine	B.S.	EXSS	
U422	ESS	HE	Cmty Youth Sports	B.S.	EXSS	
U423	ESS	HE	Aquatic Instrctr Ldrshp	B.S.	EXSS	
U425	PHE	HE	Health Studies Minor			✓
U426	RTH	HE	Travel,Tourism,Com Recr Minor			✓
U427	RTH	HE	Recr, Parks, Tourism Minor			✓
U428	DCE	HE	Community Dance any DCE		DANC	
U431	DCE	HE	Dance B.F.A.	B.F.A.	DANC	
U435	DCE	HE	Dance Studies	B.A.	DANC	
U445	RTH	HE	Commercial Recreation	B.S.	RPMT	
U447	PHE	HE	Public Health Education	B.S.	PHTH	
U448	PHE	HE	Health Studies	B.S.	PHTH	
U450	RTH	HE	Hospitality & Tourism Minor			✓
U452	RTH	HE	Hotel/Restaurant Mgmt	B.A.	HTMT	
U453	RTH	HE	Travel & Tourism Mgmt	B.A.	HTMT	
U508	HDF	HS	Child & Adolescent Dev	B.S.	HDFS	
U526	HDF	HS	Birth thru Kindergrtn (lic)	B.S.	HDFS	
U530	HDF	HS	Family Studies	B.S.	HDFS	
U531	HDF	HS	Early Care & Educ	B.S.	HDFS	
U533	NTR	HS	Nutrition & Wellness	B.S.	NUTR	
U535	HDF	HS	EarlyCare/Educ Wake Co	B.S.	HDFS	
U536	HDF	HS	B–K—Wake Co. (lic)	B.S.	HDFS	
U538	CRS	HS	Apparel Product Design	B.S.	CARS	
U539	CRS	HS	Retail & Consumer	B.S.	CARS	
U540	IAR	HS	Interior Architecture	B.S.	IARC	
U550	NTR	HS	Nutrition Science	B.S.	NUTR	
U552	NTR	HS	Human Nutr & Dietetics	B.S.	NUTR	
U553	NTR	HS	Nutrition Minor			✓
U602	MUS	MU	General Music	B.A.	MUSI	
U603	MUS	MU	Music History	B.A.	MUSI	
U607	MUS	MU	Composition	B.M.	PRFM	
U611	MUS	MU	Instrument	B.M.	PRFM	
U618	MUS	MU	Jazz Performance	B.M.	JAZZ	
U626	MUS	MU	Choral/Gen Mus Ed (lic)	B.M.	MEDU	
U629	MUS	MU	Instrumntl Mus Ed (lic)	B.M.	MEDU	
U635	MUS	MU	Voice Performance	B.M.	PRFM	
U636	MUS	MU	Keyboard Performance	B.M.	PRFM	
U701	NUR	NU	Nursing	B.S.N.	NURS	
U702	NUR	NU	Nursing RN/B.S.N.	B.S.N.	NURS	
U801	IDP	AS	Applied Linguistics	B.A.	SPLS	
U802	IGS	AS	Russian Studies	B.A.	SPLS	
U803	AFS	AS	African American Studies	B.A.	AFST	
U806	IDP	AS	Linguistics	B.A.	SPLS	
U808	IDP	AS	Archaeology	B.A.	SPLS	
U812	IGS	AS	European Studies*	B.A.	SPLS	
U815	AFS	AS	African American Studies			✓
U818	IGS	AS	African Studies			✓
U819	IGS	AS	Asian Studies			✓
U820	IDP	AS	Humanities	BA	SPLS	
U821	IGS	AS	Int'l Global Aff & Dev	B.A.	SPLS	
U822	IGS	AS	Int'l Global Arts/Belief Sys	B.A.	SPLS	
U823	IGS	AS	Lat Am Carib Studies	B.A.	SPLS	
U825	ENV	AS	Environmental Studies	B.A	SPLS	
U830	BAD	BE	International Business	B.S.	INTB	
U835	BCN	AS	Media Management	B.A.	MDST	
U838	CPS	AS	Bioinformatics	B.S.	CMPS	
U847	BCN	AS	Media Writing	B.A.	MDST	
U848	BCN	AS	Radio Minor			✓
U850	MAT	AS	Applied Math (lic)	B.S.	MATH	
U851	MAT	AS	Pure Math (lic)	B.S.	MATH	
U852	MAT	AS	Applied Mathematics	B.S.	MATH	
U853	MAT	AS	Pure Mathematics	B.S.	MATH	
U854	MAT	AS	Computer Science (lic)	B.S.	MATH	
U855	MAT	AS	Statistics (lic)	B.S.	MATH	
U856	BCN	AS	Film & TV Studies	B.A.	MDST	
U857	BCN	AS	Film & Video Produc	B.A.	MDST	
U858	BCN	AS	News & Documntry	B.A.	MDST	
U859	BCN	AS	Film & TV Studies minor			✓
U860	CHE/BIO	AS	Biochemistry (B.S.)	B.S.	BCHE	
U863	BIO	AS	Human Biology	B.S.	BIOL	
U871	WGS	AS	Women's/Gender Studies	B.A.	WGST	
U875	SES	ED	Interpreter Trning Prg	B.S.	TEDF	
U880	THR	AS	Drama	B.A.	DRAM	
U881	THR	AS	Acting	B.F.A.	DRAM	
U882	THR	AS	Design & Technicl Thea	B.F.A.	DRAM	
U883	THR	AS	Theatre Education (lic)	B.F.A.	DRAM	
U884	THR	AS	Technical Theatre Minor			✓
U885	THR	AS	Technical Production	B.F.A.	DRAM	
U894	SWK	HS	Social Work	B.S.W.	SOWK	
U895	SWK	HS	School Social Work (lic)	B.S.W.	SOWK	
U910	CPS	AS	Career Skill Pk—Cmp Prg	—	any CAS	
U911	IDP	AS	Career Skill Pk—Bus	—	any CAS	
U920	CPS	AS	PB Prof Cert—Cmp Prg	—	any PB	

The following area of study codes are for use only by undergraduates admitted under one of the 2Plus articulation agreements.

AOS	Dept/Prgm	Unit	Prgm Name/Desc	Degree	Major	Minor
U220	BIO	AS	Biotechnology 2+	B.A.	BIOL	
U361	BAD	BE	Finance 2+	B.S.	FINC	
U449	PHE	HE	Health Studies 2+	B.S.	PHTH	
U452	RTH	HE	Hosp Tourism Mgt 2+	B.A.	HTMT	
U454	RTH	HE	Hotel & Rest Mgmt 2+	B.A.	HTMT	
U455	RTH	HE	Travel & Tourism Mgt 2+	B.A.	HTMT	
U529	HDF	HS	B–K Wake Cty (lic) 2+	B.S.	HDFS	
U532	HDF	HS	Early Care & Educ 2+	B.S.	HDFS	
U537	HDF	HS	ErlyCre/Edu Wake Co 2+	B.S.	HDFS	
U541	CRS	HS	Ret & Cons Studies 2+	B.S.	CARS	
U542	CRS	HS	Apparel Design 2+	B.S.	CARS	
U704	BAD	BE	Business Studies 2+	B.S.	BADM	
U705	BAD	BE	Human Resources 2+	B.S.	BADM	
U707	BAD	BE	Marketing 2+	B.S.	BADM	
U710	NUR	NU	Nursing/RN 2+	B.S.N.	NURS	
U713	ACC	BE	Accounting 2+	B.S.	ACCT	
U724	ECO	BE	Bus & Public Policy 2+	B.S.	ECON	
U726	ECO	BE	Applied Econ Analys 2+	B.S.	ECON	
U727	ECO	BE	Global Econ Policy 2+	B.S.	ECON	
U728	ECO	BE	Econ Studies 2+	B.S.	ECON	
U739	ACC	BE	Acctng & Info Sys 2+	B.S.	ACIS	
U746	HDF	HS	Birth–Kindgr (lic) 2+	B.S.	HDFS	
U750	SWK	HS	Social Work 2+	B.S.W.	SOWK	
U777	ECO	BE	Economics (B.A.) 2+	B.A.	ECON	
U778	ECO	BE	Financial Econ 2+	B.S.	ECON	
U779	ISM	BE	Information Sys 2+	B.S.	ISOM	

AOS	Dept/Prgm	Unit	Prgm Name/Desc	Degree	Major	Minor
U784	BAD	BE	Entrprnrshp/Small Bs 2+	B.S.	BADM	
U785	SES	ED	Spec Ed LD/BED 2+	B.S.	SPEC	
U786	ISM	BE	Supply Chain Mgmt 2+	B.S.	ISOM	
U788	CUI	ED	Elem Ed (K–6 Lic) 2+	B.S.	ELED	
U789	PHE	HE	Community Hea Ed 2+	B.S.	PHTH	
U790	SES	ED	Ed of Deaf:Aud-Orl 2+	B.S.	TEDF	
U791	IAR	HS	Interior Arch 2+	B.S.	IARC	
U831	BAD	BE	International Bus 2+	B.S.	INTB	

The following area of study codes are for use only by students enrolled in one of the College of Arts and Sciences Career Skills Packages or Pre Professional Certificate Programs.

AOS	Dept/Prgm	Unit	Prgm Name/Desc	Degree	Major	Minor
U910	MAT	AS	CSP Comp Prog	—	any CAS	
U911	IDP	AS	CSP Business	—	any CAS	
U920	MAT	AS	PB Prof Cert Comp Prog	—	any PB	

The following area of study codes are for use only by post baccalaureate students seeking Standard Professional I teacher licensure.

AOS	Dept/Prgm	Unit	Prgm Name/Desc	Degree	Major	Minor
UL01	ART	AS	Art Licensure	A Lic	ART	
UL02	CHE	AS	Chemistry Licensure	A Lic	CHEM	
UL03	CLA	AS	Latin Licensure	A Lic	CLAS	
UL04	THR	AS	Theatre Education	A Lic	DRAM	
UL05	SES	ED	Educ of Deaf	A Lic	TEDF	
UL06	CUI	ED	English Licensure	A Lic	ENGL	
UL08	CUI	ED	Mathematics Licensure	A Lic	MATH	
UL09	CUI	ED	Physics Licensure	A Lic	PHYS	
UL10	CUI	ED	French Licensure	A Lic	FREN	
UL11	CUI	ED	Spanish Licensure	A Lic	SPAN	
UL14	CUI	ED	Social Studies Licensure	A Lic	SOCS	
UL15	CUI	ED	Biology Licensure	A Lic	BIOL	
UL18	ESS	HE	Physical Educ Licensure	A Lic	EXSS	
UL19	SWK	HS	Social Work Licensure	A Lic	SOWK	
UL20	HDF	HS	B–K Teacher Lic	A Lic	HDFS	
UL21	MUS	MU	Music Educ Licensure	A Lic	MEDU	

The following area of study codes are for use by undergraduates who are undecided on their area of study:

AOS	Dept/Prgm	Unit	Prgm Name/Desc	Degree	Major	Minor
U249	UNK	AS	Arts & Sci Undecided	B.A.	UNDC	
U399	BAE	BE	Bus Major Undecided	B.A.	UNDC	
U499	ESS	HE	HHP Undecided	B.A.	EXSS	
U599	HES	HS	HES Undecided	B.S.	UNDC	
U699	MUS	MU	Music Undecided	B.A.	MUSI	
U800	IDP	AS	Interdept Stds Undec	B.A.	SPLS	
U999	UNK	UN	Undecided on Major	NONE	UNDC	

The following area of study codes are for use only by undergraduates pursuing approved Plan II Majors or Student Designed Interdisciplinary Majors:

AOS	Dept/Prgm	Unit	Prgm Name/Desc	Degree	Major	Minor
U807	IDP	AS	Stu Designed Interdpt	B.A.	SPLS	
U901	ADV	UV	Plan II Prgm B.A.	B.A.	PLII	
U903	ADV	UV	Plan II Prgm B.S.	B.S.	PLII	
U905	ADV	UV	Plan II Prgm B.F.A.	B.F.A.	PLII	

The following undergraduate programs **are new or have been significantly modified**; these areas of study codes are effective fall 2007:

AOS	Dept/Prgm	Unit	Prgm Name/Desc	Degree	Major	Minor
U198	PSC	AS	Political Science Prelaw	B.A.	PSCI	
U611	MUS	MU	Instrument	B.M.	PRFM	
U821	IGS	AS	Int'l Global Aff & Dev	B.A.	SPLS	
U822	IGS	AS	Int'l Global Arts/Belief Sys	B.A.	SPLS	
U823	IGS	AS	Lat Am Carib Studies	B.A.	SPLS	
U825	ENV	AS	Environmental Studies	B.A	SPLS	

The following undergraduate areas of study codes have been inactivated effective fall 2007:

AOS	Dept/Prgm	Unit	Prgm Name/Desc	Degree	Major	Minor
U403	DCE	HE	Dance Educ (B.S.) (lic)	B.S.	DANC	
U440	DCE	HE	Initial Dance Licensure			
U619	MUS	MU	Instrument	B.M.	PRFM	
U809	INS	AS	Global Affairs Int Dev	B.A.	SPLS	
U810	INS	AS	Intercultural Studies	B.A.	SPLS	
U839	MAT	AS	Bioinformatics	B.S.	MATH	

Undergraduate Major Codes

The following is a list of current undergraduate major codes:

ACCT	Accounting
ACIS	Accounting & Information Systems
AFST	African American Studies
ANTH	Anthropology
ART	Art
BADM	Business Administration
BCHE	Biochemistry
BIOL	Biology
CARS	Consumer, Apparel, & Retail Studies
CHEM	Chemistry
CLAS	Classical Studies
CMPS	Computer Science
CMST	Communication Studies
DANC	Dance
DEDU	Dance Education
DRAM	Drama
ECON	Economics
ELED	Elementary Education (K–6)
ENGL	English
EXSS	Exercise & Sport Science
FINC	Finance
FREN	French
GEOG	Geography
GERM	German
HDFS	Human Development & Family Studies
HIST	History
HTMT	Hospitality and Tourism Management
INTB	International Business
IARC	Interior Architecture
ISOM	Information Systems & Operations Management
JAZZ	Jazz Studies
MATH	Mathematics
MDED	Middle Grades Education
MDST	Media Studies
MEDT	Medical Technology
MEDU	Music Education
MKTG	Marketing
MUSI	Music (General)
NONE	No Major
NURS	Nursing

NUTR	Nutrition
PACC	Pre-Accounting
PACI	Pre-Accounting & Information Systems
PBAD	Pre-Business Administration
PECO	Pre-Economics
PFIN	Pre-Finance
PHIL	Philosophy
PHTH	Public Health
PHYS	Physics
PHYT	Pre-Physical Therapy
PIAR	Pre-Interior Architecture
PINT	Pre-International Business
PISM	Pre-Information Systems
PLII	Plan II
PNUR	Pre-Nursing
PRED	Pre-Dental
PREL	Pre-Law
PREM	Pre-Medical
PREN	Pre-Engineering
PREP	Pre-Pharmacy
PRFM	Performance
PROT	Pre-Occupational Therapy
PSCI	Political Science
PSYC	Psychology
PVET	Pre-Veterinary
RPMT	Recreation and Parks Management
RELS	Religious Studies
SOCI	Sociology
SOCS	Social Studies
SOWK	Social Work
SPAN	Spanish
SPAU	Speech Pathology and Audiology
SPED	Special Education
SPLS	Special Programs
TEDF	Education of Deaf Children
UNDC	Undecided on Major
WGST	Women's & Gender Studies

Course Prefixes

The following is a listing of current graduate and undergraduate course prefixes.

ACC	Accounting
AFS	African American Studies
APD	Apparel Product Design
ART	Art
AST	Astronomy
ATY	Anthropology
BCN	Broadcasting & Cinema
BIO	Biology
BLS	Humanities-Liberal Studies
BUS	Business Administration
CCI	Classical Civilization
CED	Counseling & Educational Development
CHE	Chemistry & Biochemistry
CHI	Chinese
CNR	Conflict Resolution
CRS	Consumer, Apparel, & Retail Studies
CSC	Computer Science
CSD	Communication Sciences & Disorders
CST	Communication Studies
CUI	Curriculum & Instruction
DCE	Dance
ECO	Economics
EDU	Education/Teachers Academy
ELC	Educational Leadership & Cultural Foundations
ENG	English
ENV	Environmental Studies
ERM	Educational Research Methodology
ESS	Exercise & Sport Science
FIN	Finance
FMS	Freshman Seminars Program
FRE	French
GEN	Genetic Counseling
GEO	Geography
GER	German
GRK	Greek
GRO	Gerontology
HDF	Human Development & Family Studies
HEA	Public Health
HHP	Health & Human Performance
HIS	History
HSS	Honors Programs
HTM	Hospitality & Tourism Management
IAR	Interior Architecture
IGS	International & Global Studies
ISM	Information Systems & Operations Management
ITA	Italian
JNS	Japanese Studies
LAT	Latin
LIN	Linguistics
LIS	Library & Information Studies
MAT	Mathematics
MBA	Master of Business Administration
MGT	Management
MKT	Marketing
MLS	Master of Arts in Liberal Studies
MUS	Music
NTR	Nutrition
NUR	Nursing
PHI	Philosophy
PHY	Physics & Astronomy
POR	Portuguese
PSC	Political Science
PSY	Psychology
RCO	Residential College
RCS	Retailing & Consumer Studies
REL	Religious Studies
RPM	Recreation & Parks Management
RUS	Russian

SAS	Student Academic Services
SCM	Supply Chain Management
SEP	Spartan Experience Program
SES	Specialized Education Services
SOC	Sociology
SPA	Spanish
STA	Statistics
STR	Strong College
SWK	Social Work
THR	Theatre
UNS	University Studies
WCV	Western Civilization
WGS	Women's & Gender Studies

Appendix A

Residence Status for Tuition Purposes

The basis for determining the appropriate tuition charge rests upon whether a student is a resident or a nonresident for tuition purposes. Each student must make a statement as to the length of his or her residence in North Carolina, with assessment by the institution of that statement to be conditioned by the following.

Residence

To qualify as a resident for tuition purposes, a person must become a legal resident and remain a legal resident for at least twelve months immediately prior to classification. Thus, there is a distinction between legal residence and residence for tuition purposes. Furthermore, twelve months legal residence means more than simple abode in North Carolina. In particular it means maintaining a domicile (permanent home of indefinite duration) as opposed to "maintaining a mere temporary residence or abode incident to enrollment in an institution of higher education." The burden of establishing facts which justify classification of a student as a resident entitled to in-state tuition rates is on the applicant for such classification, who must show his or her entitlement by the preponderance (the greater part) of the residentiary information.

Initiative

Being classified a resident for tuition purposes is contingent on the student's seeking such status and providing all information that the institution may require in making the determination.

Parents' Domicile

If an individual, irrespective of age, has living parent(s) or court-appointed guardian of the person, the domicile of such parent(s) or guardian is, prima facie, the domicile of the individual; but this prima facie evidence of the individual's domicile may or may not be sustained by other information. Further, nondomiciliary status of parents is not deemed prima facie evidence of the applicant child's status if the applicant has lived (though not necessarily legally resided) in North Carolina for the five years preceding enrollment or re-registration.

Effect of Marriage

Marriage alone does not prevent a person from becoming or continuing to be a resident for tuition purposes, nor does marriage in any circumstance ensure that a person will become or continue to be a resident for tuition purposes. Marriage and the legal residence of one's spouse are, however, relevant information in determining residentiary intent. Furthermore, if both a husband and wife are legal residents of North Carolina and if one of them has been a legal resident longer than the other, then the longer duration may be claimed by either spouse in meeting the twelve-month requirement for in-state tuition status.

Military Personnel

A North Carolinian who serves outside the State in the armed forces does not lose North Carolina domicile simply by reason of such service. And students from the military may prove retention or establishment of residence by reference, as in other cases, to residentiary acts accompanied by residentiary intent.

In addition, a separate North Carolina statute (G.S. 116-143.3) affords tuition rate benefits to certain military personnel and their dependents, even though not qualifying for the in-state tuition rate by reason of twelve months legal residence in North Carolina. Members of the armed services who are currently on active duty may be charged a tuition rate lower than the out-of-state tuition rate. A dependent relative of a service member stationed in North Carolina is eligible to be charged the in-state tuition rate while the dependent relative is living in North Carolina with the service member and if the dependent relative has met any requirement of the Selective Service System applicable to the dependent relative. These tuition benefits may be enjoyed only if the applicable requirements for admission have been met; these benefits alone do not provide the basis for receiving those derivative benefits under the provisions of the residence classification statute reviewed elsewhere in this summary. Application for this benefit must be made prior to the beginning of the first enrolled term of each academic year for which the benefit is sought.

Grace Period

If a person (1) has been a bona fide legal resident of the required duration, (2) has consequently been classified a resident for tuition purposes, and (3) has subsequently lost North Carolina legal residence while enrolled at a public institution of higher education, that person may continue to enjoy the in-state tuition rate for a grace period of twelve months measured from the date on which North Carolina legal residence was lost. If the twelve months ends during an academic term for which the person is enrolled at a State institution of higher education, the grace period extends, in addition, to the end of that term. The fact of marriage to one who continues domiciled outside North Carolina does not by itself cause loss of legal residence marking the beginning of the grace period.

Minors

Minors (persons under 18 years of age) usually have the domicile of their parents, but certain special cases are recognized by the residence classification statute in determining residence for tuition purposes.

(a) If a minor's parents live apart, the minor's domicile is deemed to be North Carolina for the time period(s) that either parent, as a North Carolina legal resident, may claim and does claim the minor as a tax dependent, even if other law or judicial act assigns the minor's domicile outside North Carolina. A minor thus deemed to be a legal resident will not, upon achieving majority before enrolling at an institution of higher education, lose North Carolina legal residence if that person (1) upon becoming a legal adult "acts, to the extent that the person's degree of actual emancipation permits, in a manner consistent with bona fide legal residence in North Carolina" and (2) "begins enrollment at an institution of higher education not later than the fall academic term following completion of education prerequisite to admission at such institution."

(b) If a minor has lived for five or more consecutive years with relatives (other than parents) who are domiciled in North Carolina and if the relatives have functioned during this time as if they were personal guardians, the minor will be deemed a resident for tuition purposes for an enrolled term commencing immediately after at least five years in which these circumstances have existed. If under this consideration a minor is deemed to be a resident for tuition purposes immediately prior to his or her eighteenth birthday, that person on achieving majority will be deemed a legal resident of North Carolina of at least twelve months duration. This provision acts to confer in-state tuition status even in the face of other provisions of law to the contrary; however, a person deemed a resident of twelve months duration pursuant to this provision continues to be a legal resident of the State only so long as he or she does not abandon North Carolina domicile.

Lost but Regained Domicile

If a student ceases enrollment at or graduates from an institution of higher education while classified a resident for tuition purposes and then both abandons and reacquires North Carolina domicile within a twelve-month period, that person, if he or she continues to maintain the reacquired domicile into re-enrollment at an institution of higher education, may re-enroll at the in-state tuition rate without having to meet the usual twelve-month durational requirement. However, any one person may receive the benefit of the provision only once.

Change of Status

A student admitted to initial enrollment in an institution (or permitted to re-enroll following an absence from the institutional program which involved a formal withdrawal from enrollment) must be classified by the admitting institution either as a resident or as a nonresident for tuition purposes prior to actual enrollment. A residence status classification once assigned (and finalized pursuant to any appeal properly taken) may be changed thereafter (with corresponding change in billing rates) only at intervals corresponding with the established primary divisions of the academic year.

Transfer Students

When a student transfers from one North Carolina public institution of higher education to another, he or she is treated as a new student by the institution to which he or she is transferring and must be assigned an initial residence status classification for tuition purposes.

Aliens and Foreigners

Aliens lawfully admitted into the United States for permanent residence are subject to the same considerations as citizens in the determination of residentiary status for tuition purposes. Certain classes of both resident and nonresident aliens are subject to these same considerations, but certain classes are not. More complete information on the residence classification of aliens may be obtained from the Manual (referred to above) or from the Office of the Provost.

North Carolina Public School Teachers

Under separate statute (G.S. 116-143.5), certain North Carolina public school teachers (or other personnel paid on the teacher salary schedule) are eligible to be charged the in-state tuition rate for courses relevant to teacher certification or professional development, irrespective of their length of legal residence. To qualify, the applicant must be a legal resident of North Carolina and employed full-time by a North Carolina public school. Application for this benefit must be made prior to the beginning of each academic term for which the benefit is sought.

Tuition Waivers

A separate North Carolina statute (G.S.115B) provides tuition waiver for North Carolina residents who are at least age 65. The tuition waiver benefit also extends to certain family members of deceased or totally and permanently disabled emergency workers of North Carolina. More complete information on this statute may be obtained from the Office of the Provost.

Appendix B

The University of North Carolina Policy on Illegal Drugs

(Available online at http://studentconduct.uncg.edu/policy)

I. Policy on Illegal Drugs

The University of North Carolina at Greensboro seeks to maintain an environment that supports the pursuit and dissemination of knowledge. All members of the academic community—students, faculty, and staff members—share responsibility for protecting the academic environment by exemplifying high standards of professional and personal conduct. Use of illegal drugs by any member of the community interferes with the activities through which the goals of the University can be realized. Therefore, such practices will not be tolerated. The University will take all actions necessary, consistent with law and University policy, to eliminate the use of illegal drugs from the University community.

This policy has been developed in accord with "The University of North Carolina Policy on Illegal Drugs," adopted by the Board of Governors January 15, 1988. It establishes the framework for programs designed to educate the campus community on the harmful effects of illegal substances and to assist afflicted persons in their efforts to become rehabilitated. It also provides guidance for punishing violators.

II. Applicability

This policy is applicable to the following: students, faculty, senior administrative officers, non-faculty EPA employees[1], and SPA employees[2].

III. Notice

A. Article 5 of chapter 90 of the *North Carolina General Statutes* makes it a crime to possess, sell, deliver, or manufacture those drugs designated collectively as "controlled substances." As citizens, all members of the University community are expected to know these laws. The *North Carolina General Statutes* are readily available in the Library.

B. This policy shall be publicized in catalogs and other materials prepared for all enrolled and prospective students and in appropriate materials distributed to faculty members, senior administrative officers, non-faculty EPA employees, and SPA employees.

IV. Educational and Rehabilitation Programs

A. The University shall establish and maintain a program of education designed to help all members of the University community avoid involvement with illegal drugs. This program shall emphasize these subjects:

1. the incompatibility of the use or sale of illegal drugs with the goals of the University
2. the legal consequences of involvement with illegal drugs
3. the medical implications of the use of illegal drugs
4. the ways in which illegal drugs jeopardize an individual's present accomplishments and future opportunities

B. The University shall provide information about drug counseling and rehabilitative services (campus-based or community-based) available to students and employees.

C. Persons who voluntarily avail themselves of these University services or programs are assured that applicable professional standards of confidentiality will be observed.

V. Conduct Proceedings and Sanctions

A. Preliminary Determinations

The University will initiate a Conduct proceeding against a student, faculty member, senior administrative officer, EPA non-faculty employee, or SPA employee whenever **both** of these requirements are met:

1. there is a reasonable basis for believing that the person has violated this policy or North Carolina law pertaining to controlled substances
2. the alleged conduct is deemed to harm the interests of the University

Requirement (1), above, can be satisfied by either of the following:
(a) a conviction or a guilty plea resulting from criminal prosecution
(b) independent evidence obtained by University officials including police officers.

It should be noted that though an offense may be the subject of legal action by the civil authorities, University officials are nonetheless free to initiate disciplinary action that may result in additional penalties.

When the above requirements are met, the University will initiate conduct action against the alleged violator according to established procedures that safeguard the rights and interest of students and employees. Procedures will vary, depending on classification of the person facing disciplinary action:

Students

Student Code of Conduct for the The University of North Carolina at Greensboro, approved by the Chancellor

Faculty Members

The University of North Carolina at Greensboro's Regulations on Academic Freedom, Tenure, and Due Process, Section 7. Discharge or Imposition of Serious Sanction, adopted by the Board of Trustees

Senior Administrative Officers

Policies Concerning Senior Administrative Officers of The University of North Carolina, adopted by the Board of Governors

Non-Faculty EPA Employees

Personnel Policies for Designated Employment Exempt from the State Personnel Act, adopted by the Board of Trustees

SPA Employees

Relevant regulations of the Office of State Personnel

Decisions reached by these processes are reviewable according to normal appeal mechanisms.

B. Penalties for students, faculty, senior administrative officers, and non-faculty EPA employees:

For these persons, the penalties to be imposed may range from written warnings with probationary status to expulsions from enrollment and discharges from employment. The following minimum penalties shall be imposed for the particular offences described:

1. Trafficking[3] in Illegal Drugs
   (a) For the illegal manufacture, sale or delivery, or possession with intent to manufacture, sell or deliver, of any controlled substance identified in "Schedule I, N.C. General Statutes 90–89, or Schedule II, N.C. General Statutes 90–90 (including, but not limited to, heroin, mescaline, lysergic acid diethylamide, opium, cocaine, amphetamine, methqualone), any student shall be expelled and any faculty member, senior administrative officer, or non-faculty EPA employee shall be discharged.
   (b) For a first offense involving the illegal manufacture, sale or delivery, or possession with intent to manufacture, sell or deliver, of any controlled substance identified in Schedules III through VI, N.C. General Statutes 90–91 through 90–94, (including, but not limited to, marijuana, pentobarbital, codeine) the minimum penalty shall be suspension from enrollment or from employment for a period of at least one semester or its equivalent. For a second offense, any student shall be expelled and any faculty member, senior administrative officer, or non-faculty EPA employee shall be discharged.
2. Illegal Possession of Drugs
   (a) For a first offense involving the illegal possession of any controlled substance identified in Schedule I, N.C. General Statute 90–89, or Schedule II, N.C. General Statutes 90–90, the minimum penalty shall be suspension from enrollment or from employment for a period of at least one semester or its equivalent.
   (b) For a first offense involving the illegal possession of any controlled substance identified in Schedules II through VI, N.C. General Statutes 90–91 through 90–94, the minimum penalty shall be probation, for a period to be determined on a case-by-case basis. A person on probation must agree to participate in a drug education and counseling program, consent to regular drug testing at his/her own expense, and accept such other conditions and restrictions, including a program of community service, as the Chancellor or the Chancellor's designee deems appropriate. Refusal or failure to abide by the terms of probation shall result in suspension from enrollment or from employment for any unexpired balance of the prescribed period of probation. Residential students convicted of such offenses shall be removed from University housing in addition to the above.
   (c) For a second or other subsequent offenses involving the illegal possession of controlled substances, progressively more severe penalties shall be imposed, including expulsion of students and discharge of faculty members, senior administrative officers, or EPA non-faculty employees.
3. Suspension Pending Final Disposition

When a student, faculty member, senior administrative officer, or non-faculty EPA employee has been charged by the University with a violation of policies concerning illegal drugs, he or she may be suspended from enrollment or employment before initiation or completion or regular disciplinary proceedings if, assuming the truth of the charges, the Chancellor or, in the Chancellor's absence, the Chancellor's designee, concludes that the person's continued presence within the University community would constitute a clear and immediate danger to the health or welfare of other members of the University community; provided, that if such a suspension is imposed, an appropriate hearing of the charges against the suspended person shall be held as promptly as possible thereafter.

C. Penalties for SPA Employees

Discipline for SPA employees is prescribed in regulations published by the State Personnel Commission. Violations of this policy and of North Carolina state law on controlled substances shall be deemed "personal misconduct" actionable under these rules. Penalties for offenses described herein will be in accord with state policy.

VI. Oversight and Reporting

A. A campus coordinator will be responsible for overseeing all actions and programs relating to this policy.

B. The Chancellor shall submit annually to the Board of Trustees and to the President of the University a report on campus activities related to illegal drugs for the preceding year. The reports shall include, as a minimum, the following: (1) a listing of the major education activities conducted during the year; (2) a report on any illegal drug-related incidents, including any sanctions imposed; (3) an assessment by the Chancellor of the effectiveness of the campus program and; (4) any proposed changes in the policy on illegal drugs.

This policy shall be effective with the beginning of fall term, 1988.

VII. Operational Procedures

Under the University's *Policy on Illegal Drugs* (hereafter referred to as "the *Policy*"), conduct proceedings against a student will be initiated when two requirements are met;

- There is a reasonable basis for believing that the person has violated the *Policy* or North Carolina law pertaining to controlled substances; and
- The alleged conduct is deemed to harm the interests of the University.

The first requirements, above, can be satisfied by either of the following:

- A conviction or a guilty plea resulting from criminal prosecution, or
- Independent evidence obtained by University officials, including police officers.

This statement established certain procedures and guidelines for determining when the second requirement is met.

A. Conduct Occurring Beyond Campus Boundaries

Alleged conduct involving the illegal use of drugs occurring beyond the boundaries of the campus may be considered harmful to the University. The Administrative Hearing Officer in the Division of Student Affairs will initiate conduct action when these minimal conditions are present:

- Such alleged conduct occurs within Guilford County during a period in which the student is actively enrolled as a student at the University; and
- Such alleged conduct had resulted in the felony-level charges of possession/trafficking made by a civil authority.

Other conduct occurring beyond the campus may also be actionable under the *Policy on Illegal Drugs*, depending on the circumstances.

B. Conduct Occurring Within Campus Boundaries

Alleged conduct involving illegal use of drugs which occurs within the boundaries of the campus will normally be considered harmful to the University. Conduct action under the *Policy* will be initiated according to the following procedures:

An administrative officer, including any member of the Residence Life staff, who discover a student engaged in illegal conduct involving drugs, will immediately inform the student that such conduct is prohibited under conduct regulations.

The officer will report the incident to the appropriate University office, as follows, for consideration of whether disciplinary action under the *Policy* should be taken:

- A member of the Residence Life staff who encounters such conduct will report the matter to the immediate supervisor, who will inform the Associate Director of Residence Life for Student Development. The Associate Director will report the facts of the incident to the Administrative Hearing Officer for a decision on whether conduct proceedings should be initiated.
- All other University personnel encountering instances of conduct involving illegal drugs will make report to the Administrative Hearing Officer for conduct action.
- The report of drug-related behavior to the Administrative Hearing Officer may be accompanied by an explanation of mitigating factors. Such mitigating factors may include but are not limited to the isolated or singular character of the incident as evidenced by a student's unusual conduct in comparison with what is known to be his/her normal behavior, and the absence of prior reports of similar acts by such students.

The Administrative Hearing Officer will consider actions under the Policy in consultation, as necessary, with other officers of the University. In making each decision, the Administrative Hearing Officer will consider all relevant circumstances, including reports, if any, of mitigating factors.

Charges will be made and hearings will be held in accord with the *Student Code of Conduct* published by the Office of the Vice Chancellor for Student Affairs and contained in the *UNCG Calendar/Student Handbook* and on the University's Web site at http://studentconduct.uncg.edu/policy.

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[1]*Non-faculty personnel whose employment is exempt from the State Personnel act*

[2]*Staff personnel whose employment is subject to the State Personnel Act*

[3]*The term "trafficking" is used in its generic sense, not in its specific application to selling, manufacturing, delivering, transporting, or possessing controlled substances in specified amounts that is the subject of North Carolina General Statute 90–95 (h).*

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THE UNIVERSITY *of* NORTH CAROLINA
GREENSBORO

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107 723 Kenilworth St. (Financial Aid)
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